

The Zemblak Substation

- Construction stage
- Putting into operation
- Technical data
- View of the sub stations

400/110 kw Zemblak Substation (EBRD-Part B)and 110 kV transmission Line Zemblak- Korce

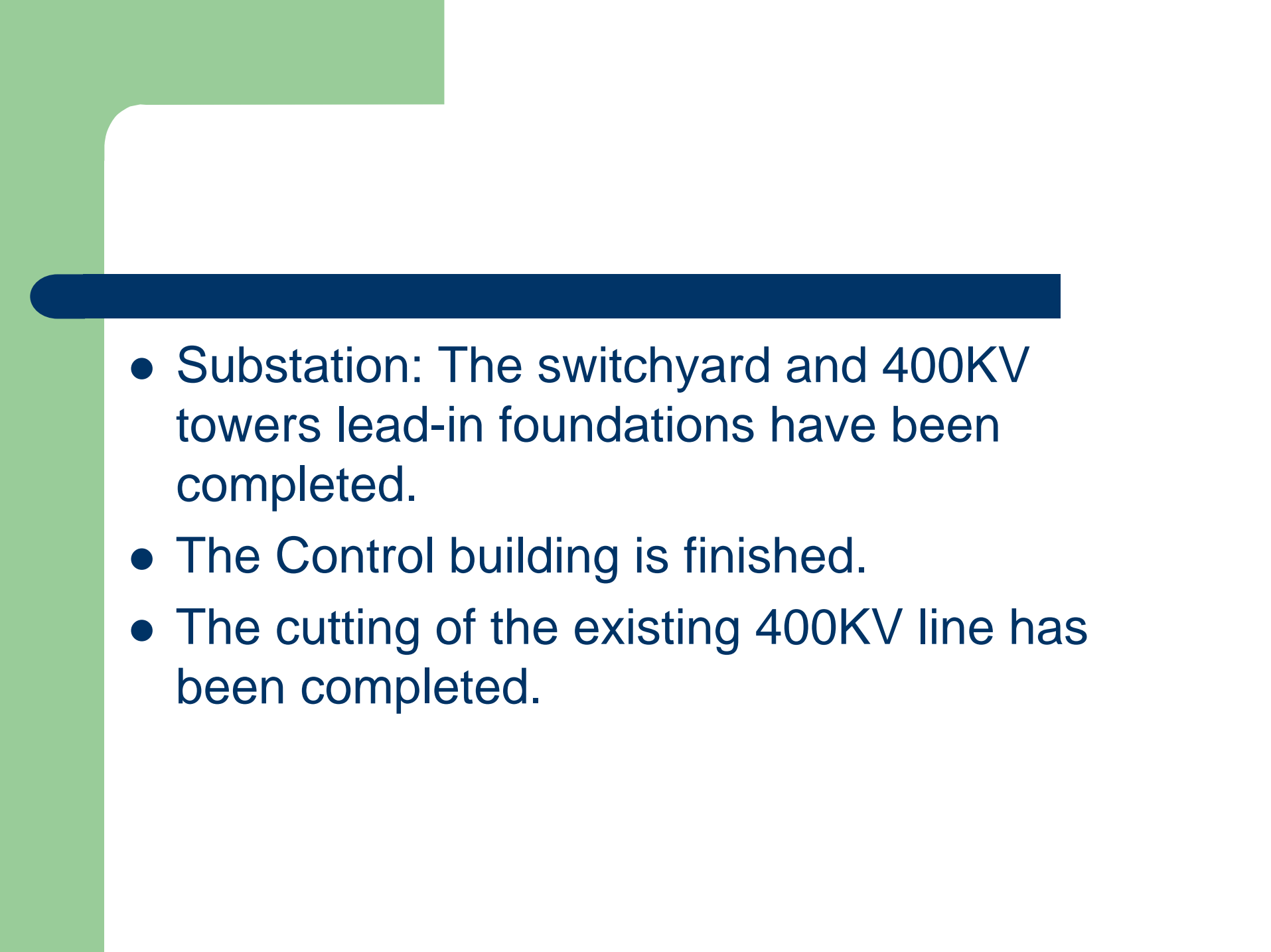
Estimated value: 8.1 MLN EURO

Contracted value: 8.416 MLN EURO

Contract award: The supply and installation contract (PSRP-13) was awarded to ABB Solutions, Italy, on May 10, 2002



- Contract completion: The time for completion was 19.5 months, i.e. until January 4, 2004
- Employer's obligation: The activities for right of way and land acquisition have been completed for the substation. All other obligations, clearing of Korça substation, Access Bridge, and re-routing have been satisfied.

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- Substation: The switchyard and 400KV towers lead-in foundations have been completed.
 - The Control building is finished.
 - The cutting of the existing 400KV line has been completed.



At July 7 to 10, 2003, Main transformer 400/110 kV, 150 MVA has been passed tests successfully in ABB Legnano, Italy



Actual view of Zemblak Site

Technical data

- The sub station of Zemblak was built by the ABB (Italian)
- The installed power 150MVA
- The nominal tension 410/110kV

Connections to the lines

- It is connected to the Zemblak – Kardia incoming line (Gr) with one circuit , with 400 kW tension, at a length of 19.7 km (inter connection line)
- The Elbasan 2- Zemblak exit line with one circuit, 400 kW tension, at a length 100,5 km long.
- The Zemblak-Korce exit line with two circuits, 110 kW tension, 13,4 km long.

Other data

- The Zemblak substation is situated in the cutting made to the Elbasan-Kardia 400 kW line.
- The 110kW exit of this substation is used to supply Korca district.
- In the previous line, being terminal, the tension dropped considerably and the losses were huge.
- The new line has eliminated the above and has improved the quality of the service.











You will have the opportunity to see closely a
lot of things!

Thank You for Your Attention !