



Javno preduzeće

ELEKTROPRIVREDA BOSNE I HERCEGOVINE

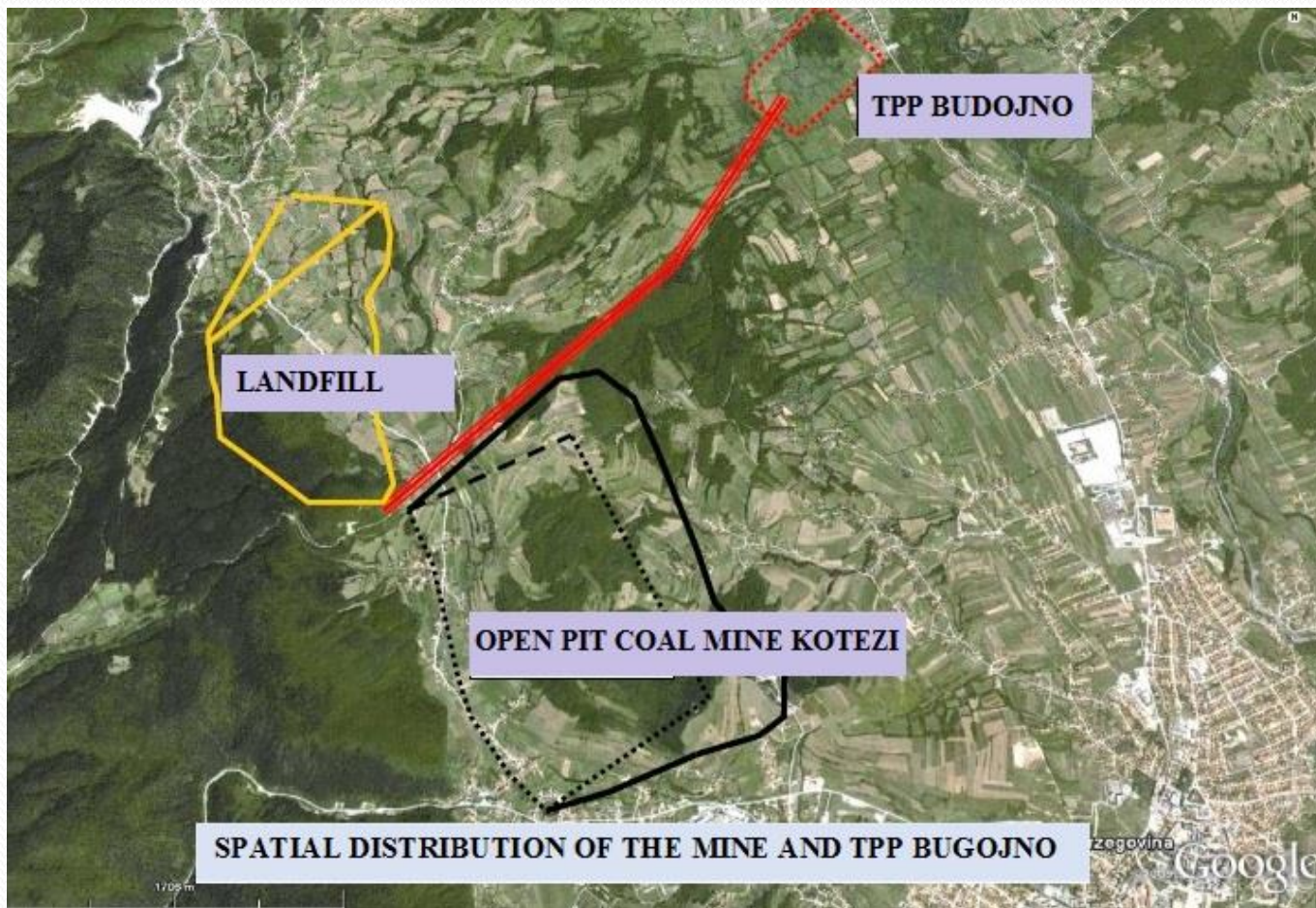
d.d. - Sarajevo

UNIT 1-300 MW TPP BUGOJNO

May 2016.

Location Unit 1 TPP Bugojno

- At the location of Bugojno- 6 km northwest of the town of Bugojno, settlement Lug near coal mine „Kotezi”



The Main Objectives for construction of Unit 8:

- Construction of the Unit 1 is providing continuous production of coal and restructuring of the « Gračanica » coalmine, part of Concern JP EPBiH.
- Unit is designed to operate in co-generation mode, i.e. generation of the electric power and heat energy, enabling long term district heating of surrounding cities. Heating system for town of Bugojno, Gornji Vakuf-Uskoplje and Donji Vakuf.

Optimal power and technology

- Power.....300 MWeI and 180 MWt
- Efficiency40% (in co- generation mode >70%)
- Coal- lignite.....10.600 KJ/kg
 - Coal Consumption.....1,3 mil. tons/year.
- Emission
 - SO₂.....< 150 mg/Nm³
 - Nox.....< 200 mg/Nm³
 - Dust.....< 10 mg/Nm³



The financial aspect of investment

Based on the pre- feasibility study of March 2006., for a Unit of 300 MW, the total investment cost amount:

- **586,22 mil.EUR** (1924 EUR/kW of which is 1520 EUR/kW for TPP- Unit 1 and 404 EUR/kW for coalmine)
- The current estimate of investment in Unit 1, 300 MW with appropriate coalmine at the new location is approximately 2000 EUR/kW
- Total investment of Unit 1 in the amount of approximately **600, 00 mil.EUR**
- Implementation of the project will be through Project Partnership model. Selection of Project partner will be through international open tender procedure.

The basis for all activities

- The Decision of the Government of F BiH from 15.02.2010. The designating the public interest and the preparation and construction of priority electricity facilities in the.
- The Decision of the Federal Government of 14.04.2010. of preparation and construction coalmine and TPP Bugojno - Unit 1-300 MW
- Realized activities on this project with the research works on the PK "Kotezi" and investment and technical documentation on the level of feasibility study (pre-investment studies).
- Project research works detailed geological exploration of coal at the deposit "Kotezi,,
- The feasibility study of construction of coalmine and TPP Bugojno for the purpose of submitting unsolicited proposal for the concession.



The dynamics of preparation and construction

2016./2017.

- Contracting of research on the ground.

2017./2018.

- Carrying out research works at the site coalmine and TPP Bugojno
- Laboratory tests on samples
- Making Study for proving of coal reserves
- Determination of coal reserves

2019./2020.

- Production of investment and environmental documentation
- Making the location documentation and programme friendly environment
- Obtaining licenses and approvals
- Defining the method of construction of the energy complex TPP Bugojno and closing of funding

2021./2022.

- Decisions about construction

2026./2027. Completion of construction Unit 1