



BOSNIA AND HERZEGOVINA

Partners:

- JP Elektroprivreda BiH d.d. Sarajevo

Estimated total investment:

- €124.9 million

EU technical assistance:

- €0.46million¹

Duration of Technical Assistance:

- August 2013 – March 2015

Lead IFI:

- EIB

Technical Assistance provided by:

- Infrastructure Project Facility 3 (Mott MacDonald – WYG – Atkins IPF Consortium)

Smart Metering / Automated Meter Reading (AMR) System: Feasibility Study

JP Elektroprivreda BiH d.d. Sarajevo is one of three public power companies in Bosnia and Herzegovina responsible for the generation and distribution of electricity to domestic and industrial consumers alike. At the time of preparing the grant application to the WBIF, the company had more than 700,000 customers, located in seven cantons in Bosnia and Herzegovina. Approximately 95% of customers were charged based on electromechanical meters. More than 25% of these electromechanical meters were approximately 40 years old and hence rather unreliable. Moreover, the reading of these meters and subsequent invoicing was performed by about 200 dedicated employees, whose costs added to the electricity tariff. The remaining 5% of the meters were electronic, with some smart metering functionality, albeit the with the same reading and invoicing procedure in place.

The company has committed to installing smart meters at 80 % of customer points of connection (about 700,000 customers) by 2020, together with an Automated Meter Reading

(AMR) system, which will interface with the billing and collection system in place. The WBIF grant was instrumental in covering the costs of the feasibility study. The investments are currently under implementation.

Results / Benefits:

- Feasibility study and review of business organization and preparation of proposals for smart metering organisation and management
- Procurement strategy and plan
- More rational use of electricity by its customers
- Decrease in the company's operational costs
- Maintaining the cost of electricity within affordable limits for overall population connected to the grid.

