



**Bulgarian Energy
Efficiency Fund**

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Debtor **“MBAL – Bourgas” JSC, the town of
Bourgas**

Beneficiary **“MBAL – Bourgas” JSC, the town of
Bourgas**

Total Project Cost **BGN 1 364 958**

Project Credit **BGN 770 559**

Project Lifetime **10 years**

Project Payback **5,2 years**

**Energy Saving
Measures**

- 1. Replacement of the wooden joinery with PVC, double glass packet;**
- 2. Additional thermal insulation on a part of the external walls;**
- 3. Additional thermal insulation of a part of the roof;**
- 4. Replacement of the old light fittings with new energy saving ones;**
- 5. Replacement of the heat system circulating pumps with new ones;**
- 6. Installation of a contemporary substation for the needs of the heat system;**
- 7. Installation of a solar collectors system for hot water supply.**

**Project Results:
Expected Savings**

Electricity (kWh/year)	Thermal Energy (kWh/year)	GHG Emissions (t CO₂/year)
604 000	1 851 000	2 061

