



**Bulgarian Energy
Efficiency Fund**

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Debtor Medical University "Prof. Dr. Paraskev
Stoyanov" in Varna

Beneficiary Medical College in Varna

Total Project Cost BGN 619 626

Project Credit BGN 457 420

Project Lifetime 20 years

Project Payback 5,2 years

Energy Saving Measures

1. Thermal insulation of external walls;
2. Replacement of window frames with PVC ones with double glass packets;
3. Fuel switch to natural gas.

Replacement of existing boilers with one new THERMOSTAHL boiler with capacity 350 - 400 kW and replacement of the burner;

4. Replacement of existing lights with energy saving ones;
5. New automatic turn-cocks for hot and cold water.

**Project Results:
Expected Savings**

Electricity (kWh/year)	Thermal Energy (kWh/year)	GHG Emissions (t CO ₂ /year)
37 000	441 842	268

