



Case Study

Medika JSC

Project Details

sector

Pharmaceutical Industry

type of project

Energy Efficiency

Project Results

- » Reduced heavy fuel oil and electricity costs
- » Reduced O&M costs
- » Lower CO₂ emission level

Overview

Medika JSC (Medika Sandanski) is among the largest manufacturers of dressing materials in Eastern Europe, and an established Bulgarian manufacturer of medicinal products, with manufacturing facilities located in Sandanski. The measures installed involved the replacement of the old steam boilers with two new gas-fired boilers, as well as replacing the steam pipes. The new efficient equipment that replaced the worn-out boilers reduced the consumption of heavy fuel oil and electricity, and cut operating and maintenance costs.

Energy Efficiency Measures Installed

- ✓ Gasification of the boiler station
- ✓ Replacement of the steam pipe
- ✓ Two new steam boilers

**Energy Efficiency
Reduces Energy Costs
by 20.7 %**

Medika JSC

Investment Details

Total Project Cost	EUR 184,317
KIDSF Grant	EUR 15,000
Loan	EUR 100,000
Simple Payback Period	1.7 years
Internal Rate of Return	80%

Estimated Annual Savings

Energy Cost Saving	EUR 72,000
Reduced Energy Costs by %	20.7%
Total Cash Savings	EUR 72,000

**Annual Carbon Emission Reduction
1,300 tons**



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