



Bulgarian Energy Efficiency and Renewable Energy Credit Line

Case Study

Albena JSC

Project Details

sector

Hotel

type of project

Renewable Energy - Solar

Project Results

- » Reduced water heating costs
- » Reduced CO₂ emissions

Overview

Albena JSC is Bulgaria's largest tourism company with three Black Sea resorts. The company used BEERECL financing to install a solar water heating system at their Albena resort's Kaliakra Hotel. The solar panels replaced 13 electric water heaters. The investment reduced the water heating energy costs by 92.9%.

Renewable Energy System Installed

- ✓ 150 solar panels with an active surface of 300 m²

Thermal energy production of 255 MWh per year

Albena JSC

Investment Details

| | |
|-------------------------|-------------|
| Total Project Cost | EUR 225,000 |
| KIDSF Grant | EUR 38,800 |
| Loan | EUR 194,000 |
| Simple Payback Period | 12.92 years |
| Internal Rate of Return | over 54 % |

Estimated Annual Figures

| | |
|---------------------------|------------|
| Thermal energy production | 255 MWh |
| Total Cash Savings | EUR 17,326 |

Annual Carbon Emission Reduction 224 tons



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