

Energy Efficiency: New production line (p. 1)

Reduced energy consumption for a leading plastic producer

Plastic utensils and plates: At takeaway restaurants, parties and picnics, the products of Oval Plastic LLC are omnipresent. The company is one of the leading producers in Armenia.

Oval Plastic LLC operated its plastic production with outdated, inefficient equipment with many stops. To improve profitability and reduce energy consumption, the company decided to replace its old plastic processing and plastic form production equipment, precisely the extruder and thermoformer. The new, efficient equipment was supplied by VFK Head Corp (Korea).

Since July 2015, the new line is operational. The replacement of the equipment saves approx. 1,578 MWh of electricity per year.



Benefits: 125,000 USD of annual savings for Oval Plastic, thanks to the installation of an efficient production line.

Energy Efficiency:

New production line (p. 2)

Reduced energy consumption for a leading plastic producer

Main Investment

Installation of new thermoforming and extruding units

Size of Investment

750,000 USD

Date of Implementation

07/2015

Operational Results

- More efficient plastic production process
- 125,000 USD annual savings from reduced electricity consumption

Investment Profitability

- Payback period of 6 years
- IRR 14.6%



1,578 MWh or 58% of energy saved p.a.



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