

# Sweet Energy Savings at Mentos

## OVERVIEW

Perfetti Van Melle is famous for the manufacturing of chewing gum and confectionery products, selling internationally in over 130 countries. "We are the third largest sweets manufacturers in the world," says Mr. Peter Marijnissen CEO of Breda Perfetti. "The Breda Organisation employs approximately 700 employees and produces mainly Mentos for the European, American and Japanese markets." With such a large business and widespread distribution channels, Breda sets an example in energy efficiency trends and awareness.

## BUSINESS NEED

A few years ago Breda Perfetti installed new HID lamps with electronic ballasts. They found that this technology required frequent maintenance and was not stable. Breda was replacing the fixtures every few years. Following HyTeps energy consultation, Breda chose to replace their lighting circuits with conventional lighting fixtures in conjunction with the installation of PowerSines Light Energy Controllers (LEC).

## LEC SOLUTION & BENEFITS

PowerSines Lighting Energy Controllers install right after the Mains switch without requiring any changes to be made to the electrical infrastructure or wiring. Breda specifically required an energy efficiency solution that could guarantee consistent and efficient operation without the need for constant maintenance and repair.

HyTeps recommended installing LEC A systems specifically designed to work with HID lamps. The installation did not disrupt the normal business operation and generating immediate savings.

## RESULTS

"On the basis of data supplied by HyTEPS the potential energy savings and payback were impressive. The first installation in Pakkerij was simple and quick and did not require any changes to our electric infrastructure," said Mr. Peter Marijnissen; "Within just a few months following the installation we were impressed to see that the savings performed just as expected.

LEC generated almost 20% in electric savings with an ROI of less than 18 months. Due to the extreme success of this project Breda will be deploying additional LEC units at 2 other manufacturing sites.

### Perfetti Van Melle's Benefits with PowerSines LEC A Systems

- ➔ 20% direct energy savings
- ➔ ROI less than 18 months
- ➔ No change to electric infrastructure or wiring
- ➔ Zero maintenance and repair

## CASE STUDY

### APPLICATION

Food & Beverage

### BENEFITS

20%-38% savings

ROI in 1-3 years

Extends lamp lifetime

Dual operation mode for all lighting circuits

Zero maintenance required

Installs on any electric infrastructure

Immediate savings on cost of electricity

48% improvement in conduction losses

Voltage control for all lighting systems: Fluorescent, HPS and MH

