

SLANEY FOODS

FOOD PROCESSING



THE BACKGROUND

Slaney Foods International, known by many as 'The Beef Specialists', is a company renowned for sourcing the highest quality livestock for its beef processing business. Located in the heart of the Slaney Valley in Co. Wexford, Ireland, Slaney Foods have built a reputation for producing only the highest quality Irish beef and provide a superb product range to a variety of customers.



Operating an ultra-modern processing facility can be challenging particularly when it comes to managing energy consumption. Many facility operators have excellent operational knowledge about their processes and plant but lack visibility on energy use which is essential for effective energy management.



So what could Wattics do to help?

THE ANSWER

Wattics installed an energy management solution to monitor electricity consumption in three key areas in the Slaney Foods facility including Effluent Treatment, Live Stock Processing and Refrigeration. 3G communications were deployed to send the monitored energy data from multiple meters to the online Wattics Dashboard.

The Wattics solution dramatically improved visibility on energy use in the facility and enabled Slaney Foods to quickly identify energy costs for significant electricity consumers and to assess equipment operational energy patterns.

Slaney Foods have been very proactive in identifying energy saving opportunities at their facility and in October 2013 they decided to install Variable Speed Drives to a number of condenser fans serving refrigeration areas. It is planned to use the Wattics solution to identify further Energy Conservation Measures in the future.

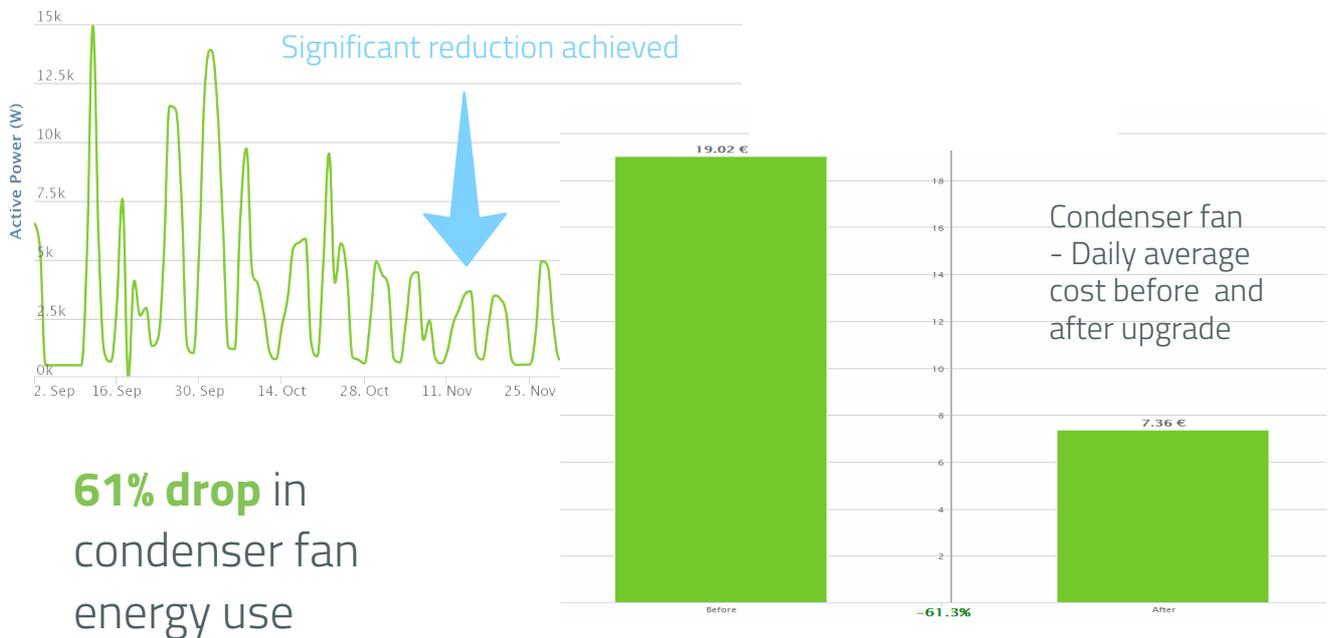
THE RESULTS

The Wattics dashboard can be utilized to assess the before-and-after picture for energy conservation measures. Slaney Foods was successful in **reducing the energy use of its refrigeration condenser fans by 61 %** through the introduction of fan speed control achieved by installing and commissioning Variable Speed Drives.

"The Wattics dashboard allowed us to identify significant energy consumers within the plant. The Energy Saving reports gave very good insights into energy use at the facility and proposed effective energy saving actions"

– Dympna Skelton, Environmental Manager

Load reduction following VSD installation



61% drop in condenser fan energy use

Graphic of Slaney Foods energy reduction

OTHER BENEFITS

Real-time visibility on energy use, through automatic text or email alerts.

Energy Performance Indicators to track plant performance.

Identification of wastage and energy-saving opportunities through tailored reports, including the **Wattics WISE Report** or "Wastage Identification Saving Energy" Report.

