

Slaney foods saves €28,000 on energy costs

SLANEY FOODS INTERNATIONAL – CO. WEXFORD



Financial Benefits:

Cost Savings: €28,000 p.a.

Environmental Benefits:

CO₂ reduced: 124 tonnes p.a.

Background

Located in the Slaney Valley, one of Ireland's prime farming regions, Slaney Foods is renowned globally for sourcing the highest quality livestock for its beef processing business. Slaney Foods combine this quality Irish beef with an ultra modern processing facility to offer a superb end product to the consumer.

At Slaney Foods energy reduction forms part of the company's GreenTrack sustainable development corporate philosophy. As part of Slaney Foods' commitment to sustainability, the decision was made to actively monitor and target the energy consumption in the Bunclody plant. After engaging with Green Business and Wattics, it was decided that Wattics energy management solution would be installed, with the aim of monitoring and targeting the usage in three key areas – Effluent Treatment, Livestock Processing and Refrigeration.

Project Description

The energy management solution was installed in the three key areas, and using 3G communications, sends the energy data from the monitored areas to the dashboard. This 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 energy patterns of operational equipment.

Slaney Foods has been very proactive in identifying energy saving opportunities at their Bunclody facility and has been very quick to implement any measures which have been proposed.

The Results

A number of measures have been implemented at the Bunclody plant, which has seen significant savings to date. These include:

Electricity Conservation Measure	Annual Savings
Installation of Variable Speed Drives	€4,754
Glycol Pump Discontinuation	€2,852
Submersible Aerator Removal	€10,582
Balance Tank Aeration Timer Change	€3,248
Energy Efficiency Drive	€5,030
Reduction in AHU Use	€1,570
Total Annual Savings	€28,036

Savings in consumption and cost correlates with our ISO 14001 accredited environmental management plan. - Robert Kirwan, Group Environmental Manager.