

ENISTIC HELP SAVE DOVECOTE PARK OVER £11,500 PER YEAR IN ENERGY COSTS

“ The system Enistic have created delivers without even trying. ”

PETER BOWES – OPERATIONS DIRECTOR AT DOVECOTE PARK



Background

Utility Forum have provided bespoke energy management solutions to clients since 1985. Experts in Utility Management and accredited with the Carbon Trust it was no wonder that Dovecote Park chose them to help them in their challenge to reduce their energy consumption. Having worked with Utility Forum two years ago on a Carbon Trust Audit, they were keen to implement more energy efficient systems on their premises.

Comprising of two sites, Dovecote Park is the sole beef supplier to award winning, national food chain Waitrose. The purpose built sites at Dovecote Park house the complete processing cycle from slaughter right through to retail pack.

The retail department within the site uses 1/3 of the sites consumption and we were asked to come in and provide a comprehensive history of how energy is used within the department. Peter Bowes the Operations Director at Dovecote had several aims for the project. He firstly wanted to obtain significant energy reductions over time and secondly identify areas which used the most energy.



DOVECOTE PARK

How we did it?

At present the retail department was the only sector within the building being monitored so 20 different monitoring points were set up throughout the area. Enistic and Utility Forum installed various equipment throughout the department to monitor several different channels. A 16 channel sub meter, several Smart Energy Controllers, CT leads and a Gateway Controller were all used to monitor refrigeration units, vacuum pumps, compressed air units and production lines. The circuits were installed to give an in-depth history of how energy is used throughout the department and identify areas which used the most energy.

The equipment monitored the department 24 hours a day and all results were recorded through trademark software: Energy Manager Online. This reporting suite records and measures all channels monitored and gives a real-time view of how energy is being used and highlights where issues are. Both Utility Forum and Dovecote Park had instant access to this software and could view the results at any time. This meant they could both immediately identify problem areas and implement any changes. The installation only took one day and the staff at Dovecote experienced no interruptions to their working day.

Outcome

Having met several years ago at an exhibition, Chris was drawn to Enistic and the software they have developed. "Rather than exploring the standard routes, they go so much deeper. They micro monitor - giving much more accurate results" says Chris Holdsworth MD at Utility Forum "They have provided me with excellent support that I needed to pull this project together, going above and beyond to help me out, pulling every resource they can to develop the project further."

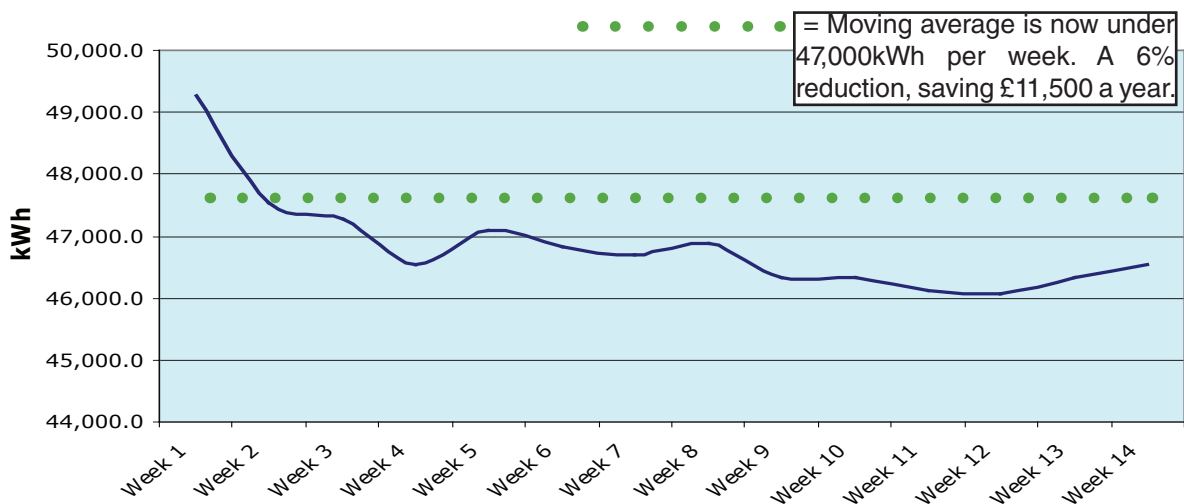
After only 14 weeks the department has reduced their energy consumption by 6%. A reduction saving Dovecote Park over £11,500 per year - a brilliant result considering that production volumes have increased and the project is still in its infancy.

The twenty points monitored around the retail department represented roughly 36% of the sites total consumption, with Refrigeration being the largest consumer of energy. Enistic's software was able to highlight a reduction in all compressors in the refrigeration area, with one compressor even reducing its output by 20%.

The solution that Enistic and Utility Forum provided has been received so well that Dovecote Park are wanting to extend the monitoring to their Abattoir as well as continuing to monitor the retail department as a permanent fixture to achieve even more savings.

Graphical Results

DOVECOTE PARK - ELECTRICITY CUSUM: WEEKS 1 TO 14



“Enistic has the only system around that provides the level of detail that we need. The technology and software they supply allows us to monitor and record the in-depth results that others can't provide.”

**CHRIS HOLDSWORTH - MANAGING DIRECTOR
UTILITY FORUM**

