



engineering solutions to manage your energy

PROJECT HIGHLIGHTS

PAYBACK PERIOD

1.9 years

ANNUAL ENERGY SAVINGS

60%

ANNUAL MAINTENANCE SAVINGS

£5,500

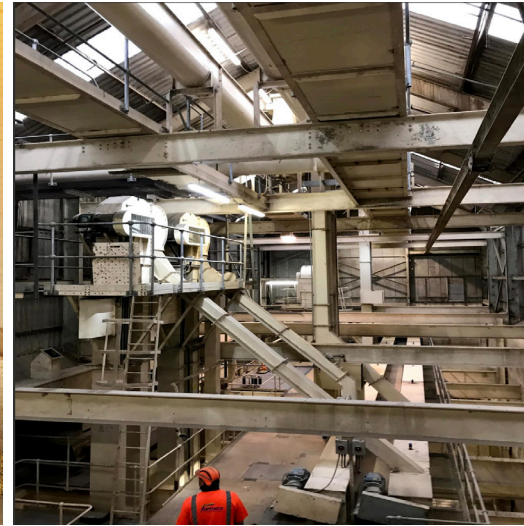
CASE STUDY

CLIENT

ForFarmers

TECHNOLOGY

LED Lighting Control



THE CHALLENGE

ForFarmers is an internationally operating feed company that offers Total Feed solutions for conventional and organic livestock farming. With sales of approximately 10 million tons of feed annually, ForFarmers is market leader in Europe, operating in the Netherlands, Germany, Belgium, Poland and the United Kingdom. ForFarmers has approximately 2,700 employees. In 2018, the turnover amounted to over €2.4 billion.

The challenge for ForFarmers is to meet its sustainability mission in one of the most demanding industrial environments. In agricultural feed mills, a vast energy consumer during the processing is the lighting. Not only do they need to cut the overall cost of ownership with high annual maintenance costs to replace lighting but also to and reduce CO2 emissions.

THE SOLUTION

Taking the clear board-level strategy of sustainability, LCS presented a Lighting Control proposal following an initial LCS Energy MAPIT audit to understand how the lighting was being used and consumed on-site. Through an understanding of the operating processes in the production, warehouse and office locations, LCS designed a lighting control solution, which as well as reducing energy costs, also aided employees by using

appropriate fixtures and light sources for each dedicated area.

The LCS team delivered a lighting system of over 296 light fittings with motion detection sensors, implemented to remove waste consumption in previously fully lit unoccupied areas. As circuit-level monitoring is integrated into the LCS control solution, continuous energy savings are verified across the site.

With all areas of the project managed in-house by LCS Energy, the project was installed and completed without any disruption to production on-site.

THE RESULTS

The new lighting control system has delivered clear cost savings, with 60% proven savings over the initial 12 month period of usage. The annual maintenance budget has also been significantly reduced with over £5k in savings achieved in the same period. With verified cost savings, the lighting control solution at this proof of concept site has now been extended UK-wide to be implemented across the portfolio of ForFarmer facilities for implementation.

WHAT IS MAPIT?

MAPIT stands for 'Monitor Analyse Propose Install Track' and is the value-added LCS energy management model which can save energy and money for your business. Find out more at www.lcsenergy.co.uk

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Monitor

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Analyse

EV Charging

LED Lighting


Propose

Solar PV


Install


Track

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Monitor

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