

# Adams Foods



## CUSTOMER

Adams Foods

## SECTOR

Food processing

## FOCUS

Bureau services for maintenance and energy monitoring

## Project overview

The benefits of using maintenance bureau services for building management systems (BMS) are being highlighted at the £30 million Leek facility of Adams Foods. Here, bureau services delivered by BG Energy Solutions are helping to eliminate the unwanted costs of ad-hoc maintenance and poorly-functioning equipment.



## KEY SUCCESSES

- Greater BMS control unlocked a lower maintenance burden
- Energy monitoring and targeting reduced energy consumption
- Government rebate claimed against verifiable carbon reductions
- High standards of food safety upheld through expert temperature control

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**BUREAU SERVICE  
 LIFTS THE BMS  
 MAINTENANCE  
 BURDEN AT  
 ADAMS FOODS**  
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## Background

Adams Foods packs around 200 million packs of hard cheese every year at its state-of-the-art packing facility in Leek, and is home to the famous Pilgrims Choice, MU and Kerrygold brands. The company, which is a wholly-owned subsidiary of the Irish Dairy Board, has an aggressive growth agenda through investment in people, equipment, customers and innovation.

## The challenge

Among the smart thinking by Adams was the installation of an integrated Trend BMS several years ago. The BMS was installed to oversee critical temperature monitoring and control in three principal areas: the warehouse, the factory and the offices. However, with Adams' focus understandably diverted by core business activities, it was felt that the company was not getting the best out of its BMS.

Maintaining good temperature control was a particular challenge for Adams Foods, since millions of pounds' worth of cheese is stored in the Leek facility. Both the high care and low care areas of the factory are also subject to issues if the temperature fluctuates beyond its designated limits.

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**Keith Wilson**

Facilities Manager, Adams Foods

## The solution

A few years ago, Adams Foods contracted BG Energy Solutions to begin providing essential BMS support services, lifting the burden from facilities staff at the site. Since then, BG Energy Solutions has delivered a tailored service contract and remote bureau subscription.

“For us, this embraces an emergency call-out service that spans 364 days a year and a service maintenance contract covering 16 visits a year,” explains Keith Wilson, Facilities Manager at Adams Foods. “The latter equates to one visit every month, leaving four ‘spare’ days which can be allocated to fit our project requirements as they change throughout the year.”

The service also includes proactive visits to identify potential energy savings and advantageous upgrades. At Adams Foods, BG Energy has installed energy metering, monitoring and targeting technology on the Trend BMS.

The software illustrates energy consumption data in real time and demonstrates wastage that would be otherwise impossible to see. It establishes baselines and targets, and aids in forecasting future energy budgets.

## Results and outcome

The results for Adams Foods have been manifold. Lowering the site's maintenance burden was a key driver for enlisting BG Energy Solutions' help and this has been achieved.

What's more, BG Energy Solutions' bureau services also ensure expert temperature control within the facility. This means high standards of food safety are always upheld: “There is a safety aspect where temperature becomes a risk factor,” says Mr Wilson. “For this reason, the ongoing attention of BG Energy is a vital part of our ongoing production and business operation.”

Adams Foods has also driven down its on-site energy consumption and CO<sub>2</sub> emissions, through the energy monitoring and targeting services provided by BG Energy Solutions. As well as reaping savings on energy costs, this has also allowed Adams Foods to access a government rebate against its reductions in CO<sub>2</sub> emissions. All the figures declared in order to claim the rebate must be verified, but with BG Energy Solutions' guidance and the targeting and monitoring software, this is no problem.

“We've used BG Energy's bureau services for some years now,” concludes Mr Wilson. “Yes, their costs are very competitive, but mainly we retain them because of their systems knowledge and experience. They've become part of the business fabric here.”