

WATFORD GRAMMAR SCHOOL FOR BOYS

Watford, UK



How Watford Grammar School saved £5,641 by uncovering hidden energy waste

60%

Of energy used outside
school hours

£5,641

Saved annually on
energy bills

24/7

Real-time energy
monitoring

The Challenge

Watford Grammar School for Boys is an academy in Hertfordshire serving 11 to 18-year-olds. The school's facilities team was concerned about consistently high energy bills but had no way to pinpoint exactly where the money was going.

Without granular data, it was impossible to understand whether the problem was inefficient equipment, poor scheduling, or something else entirely. They needed clarity before they could take action.

Our Approach

We installed our energy monitoring software, INSIGHTS, across the school's infrastructure. Our energy monitoring software generated clear, actionable reports showing exactly where and when energy was being consumed, broken down by time of day, building area, and system.

The data revealed a striking pattern: most of the school's energy was being consumed during nights, early mornings, and school holidays, when the building should have been mainly unoccupied.

"They are helping me provide ways of reducing our energy costs and Zoe was excellent in arranging the installation of two AMR devices, which will definitely help us in our goal to reduce our energy usage. The service they offer really does go above and beyond the norm."

– Mr Thorold, Watford Grammar School for Boys