

CASE STUDY

ACADEMY LIGHTING & BOILER OPTIMISATION



Northern Secondary Academy

Business Challenge:

Reduce energy use & improve learning environment

Products:

AM&T, LED, Boiler Optimisation, Displays

Savings & Benefits:

- 60%+ Lighting Energy Saving
- 17% Overall Gas Saving
- 230 tonnes of Carbon saved annually
- Enhanced student environment; LUX levels significantly improved



THE CHALLENGE:

- Raise the finance for energy efficiency spend-to-save for an Academy
- Consulting-led approach; Programme managed for Client
- Full SALIX approval from initial consultation to funds approval
- Lighting to enhance the building look & feel for enhanced learning
- Metering & boiler dry-cycling minimisation; Lobby display screen
- Restricted timeframe, due to school holidays – 6 week summer project
- Asbestos monitoring, restricting potential solutions

THE SOLUTION:

- 100% external project funding achieved, interest free
- Metering & Monitoring – automated AM&T, with fully automated dry-cycling removal on boilers
- LED Lighting with presence detection, significantly enhanced ambience
- Reinforcement through Public lobby display screens showing live savings
- Project delivered on time and on budget
- SCAPE delivery framework; Project seen an exemplar by SALIX



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