

NHS Trust Energy Saving Lighting & Control Upgrade



Project Overview

This London NHS Trust had 80 sites within the M25, operating 24/7. There were 5 Building Service Engineers to ensure the safe operation of all the sites. The original lighting solutions were specified by a company not involved with the initial site survey, not involved at installation and didn't commission the systems resulting in issues and inefficiencies.

CO2 Target was asked to work initially on 5 sites providing replacement lighting to CIBSE guidelines, controls and an emergency lighting scheme with an automatic reporting system.

This was a SALIX compliant scheme funded by the Recycling Fund.

CO2 Target adopted a 3 phase approach to the lighting solutions and energy savings; site surveys and feasibility studies, design and tender, post project support and annual inspections.

CO2 Target specified Tridonic LED boards and Tridonic drivers. To offer uniformity a single source manufacturer with incorporated wireless controls was selected. CO2 Target were on site at the install and commissioned the lighting control system.

Total savings achieved £234,841 with Kwh savings of 399,235. A reduction in the lighting of 78% and an average ROI of 4.72 years.

Key Project Stats

ANNUAL SAVINGS



£234,841

ENERGY REDUCTION



78%

INVESTMENT ROI



4.72yrs

CAN WE HELP YOU?

Please contact us on
020 3744 5551
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