

# CASE STUDY

# E-ACT



## Overview

E-ACT is a multi-academy trust responsible for 29 academies in England with 18,000 pupils across 13 Secondary and 16 Primary schools. It has often led the way in the sector on mental health provision and pioneered a pupil-led mental health curriculum in all its schools. In June 2023 E-ACT was awarded MAT of the Year at the MAT Excellence Awards.

## Why?

A number of factors led to the decision to replace all mercury lighting with LED. Whilst it was an important pillar of their Net Zero strategy, failures of fluorescent bulbs were becoming problematic with issues on light quality, maintenance and replacements. In reaction to significant increases in energy cost the estates team accelerated implementation timescales.

## Why Energys?

Energys was successful in a tender bid through Everything FM framework for Barker Associates, supplying a price-conscious specification, to meet a project budget.

Working hand in hand with Barker Associates on large-scale projects has given us the opportunity to demonstrate our ethos of putting clients first, understanding their specific needs, and completing projects efficiently on time and on budget. This experience, combined with our strong environmental credentials and willingness to go the extra mile were important factors in being selected to implement the project.

## Challenges

To avoid any disruption to school operations E-ACT requested that works were completed out of hours between October to November, with the works programme covering 2 Primary and 4 Secondary schools.

## Solutions

Campus-wide installation including LED panels, LED downlights & wall lights, IP65 rated fittings, and other products from Energys' range.

We were also requested to survey, design and install sports pitch lighting to 4 of the schools to further reduce energy consumption and maintenance.



## Projected impact

Project quantum	6 Academies
Project Value	£552K
ROI	1.6 years
No of Lights Replaced	6,347
Annual £ Savings	£345,706
Annual kWh Savings	864,266

Elec rate is £0.45 per unit.

*\*This image is licensed under the Creative Commons Attribution-Share Alike 2.0 Generic license. Attribution: The West Walsall E-ACT Academy by Richard Law.*