

Powercor lights up Turner & Townsend scientific research facility

The problem

Turner & Townsend's 95 acres agricultural research and development facility contains 20 buildings of varying ages dating from 1960's to 1990's. Many of these buildings had a mixture of fluorescent lighting alongside some tired LEDs, with only switch controls. The lighting was ineffective, energy hungry and inflexible.



Our solutions

Following several site reviews and surveys working closely with the client, the eventual project involved:

- Replacing obsolete fluorescent lighting with new LEDs and lighting controls
- Bringing in-site standard light levels by area type
- Installing a new Emergency Lighting system
- Carrying out all works in normal working hours with staff in situ

The design process included ensuring that lights are able to be dimmed to correct lighting levels for usage of each space.

Outcomes

- Annual savings of over £115k
- Cost avoidance of over £125,000 with sustainability gains by reusing fittings rather than installing new ones
- Seven-year guarantee on every component of the main product installation
- Fully compliant Emergency Lighting system with long-lasting batteries



“The way that CBRE, Turner & Townsend and Powercor managed this project from start to finish was exemplary. The intent and scope was turned into a fully designed, programmed and executed project by the delivery team by drilling into the detail, showing commitment to quality at all times, setting site standards that will benefit our business long term and choosing diligent and equally committed sub-contract partners. It truly felt like the CBRE, Turner & Townsend and Powercor team had the site's best interests at heart in every decision.

RESEARCH CAPITAL PORTFOLIO MANAGER

“I'd like to extend my thanks to the entire Powercor team, both individually and collectively, for their work on this major five-month project. With 900 employees on site and numerous key stakeholders involved, the scale and complexity have been significant. The feedback has been overwhelmingly positive, particularly regarding their professionalism and commitment to getting things right.

**MARK ENNIS, SENIOR PROJECT MANAGER,
CBRE/TURNER & TOWNSEND**