



PROJECT SUMMARY:



CLIENT

City of London Corporation

PROJECT

City of London Re:fit

TIMESCALE:

2021 - 2023

JAMIE INGHAM CLARK, FINANCE
COMITEE CHAIRMAN

“This partnership with Vital Energi will enable us to take practical, positive, sustainable steps to make our buildings more energy efficient, delivering the twin benefits of reducing carbon emissions and saving money. The project will play a significant role in enabling us to achieve the ambitious targets set out in our Climate Action Strategy, which commits us to achieving net zero carbon status in our building by 2027 and across our investments and supply chain by 2040.”

EXECUTIVE SUMMARY

Our project with the City of London Corporation involved the implementation of energy conservation measures (ECMs) within a number of their key buildings, including the Barbican Centre, The Guildhall, The Guildhall School of Music and Drama, Milton Court, John Hosier Annexe, Sundial Court, to improve their energy performance.

This project will guarantee energy savings of £480,000 a year for the City of London Corporation, along with carbon savings of over 1,000 tonnes a year and help the governing body of the Square Mile work towards their ambitious target of net zero carbon emissions by 2027 for its corporate estate.

OUR SOLUTION

We have implemented the following ECMs across most of the buildings to reduce energy usage, unnecessary heat loss, and help improve comfort conditions for building users.

- o 10,000+ lighting upgrades to LED
- o Pipe distribution repairs
- o Ventilation distribution repairs
- o Pipe insulation
- o Air Handling Unit EC fan retrofit
- o Building Management Systems
- o Metering

KEY BENEFITS

- > Installation of the Building Management System optimisation will allow for better control of the heating and cooling systems within unoccupied areas.
- > Energy savings of £480,000 a year and carbon savings of 1,000 tonnes a year.

- > The customer/user experience will be improved as spaces will be an optimum temperature at all times.
- > The upgrade of 10,000+ light fittings will minimise energy usage, and with the SurePath emergence lighting control feature, it means that the building manager will have full control of the system via an app.