

Case Study 8

NDEE Culture and Sports Charity Project

Introduction

A charity which provides a large number of cultural and sports venues and sites, made the decision to invest in energy efficiency measures across their estate in a project worth over £800,000.

What was the challenge to be addressed?

As well as implementing energy efficiency measures and realising energy savings, the project was also used to tie in energy saving opportunities that would improve the building controls, which were in need of replacement.

What were the key drivers?

To make energy, cost and carbon emissions savings.

What was achieved?

Taking a 'whole building approach' to energy efficiency, ECMs included combined heat and power (CHP) plant, high efficiency lighting upgrades and controls optimisation across its estate. **Annual energy cost savings of ~£100,000** were guaranteed under the contract with anticipated **annual carbon savings of ~388 tCO₂e**.

Key lessons learned for sharing?

Wider project benefits have also been realised, including significantly improved working environments.

