

Case Study: YMCA Cardiff

About the client

The YMCA is an international charity which supports young and vulnerable people. They have branches across Wales, including facilities in Cardiff. This case study looks at the potential savings that could be achieved across 3 of the hostels that the charity operates.



YMCA Cardiff reached out to Welsh Government for help with reducing their energy bills, and specialist support was received in the form of a series of surveys and reports. The YMCA were already in the process of looking to replace their old, inefficient light fittings with new high efficiency ones, so these reports highlighted other opportunities for saving energy at each hostel, and provided information on the associated cost savings.

The 3 hostels reviewed have an annual energy spend of nearly £40k, and the savings below are estimated to reduce this bill by one third:

Measure Proposed	Expected Saving
New thermostats and radiator controls	£499
Fridge replacements or condenser cleaning	£6,622
Boiler replacements and loft insulation	£1,162
Building and Energy Management System	£769
Gas meters amalgamation	£1,735
Solar PV (15kW _p)	£2,218
TOTAL	£13,005

Cardiff YMCA have now successfully completed their LED lighting upgrade, have started looking into behaviours of staff and visitors to reduce energy use, and intend on working on the opportunities highlighted in the near future.

For more information about how you can save energy at your organisation go to:

www.carbontrust.com or www.wcva.org.uk/environtecymru