



Exceptional Designs and 60% Savings

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Background

Livewire is a community interest company created in 2012 to provide leisure, library and lifestyle services in Warrington.

As part of their commitment to reducing CO² emissions and energy consumption, Livewire appointed Unify exclusively as their energy consultants tasked with identifying potential upgrades and improvements across seven of their Leisure and Culture Centres.

Following a detailed analysis of the existing M&E plant and infrastructure, £1.2Million of projects were identified, including a variety of new LED lighting systems across four of Livewire's key sport, library and wellbeing facilities, which Unify were commissioned to design and deliver.

Solution

All of the new LED lighting systems were designed in full accordance with Sport England and CIBSE Guidelines, whilst still ensuring the highest possible energy savings were achieved.

This first round of projects were then delivered over a five month rolling programme with all works being undertaken at times most suited to the operation of each of the individual areas and sites, minimising any disruption to the client's day-to-day business operations.

The Unify project team worked closely with Livewire's management team throughout the delivery of the projects keeping them abreast of all progress and developments.





CIBSE & Sport England Compliant designs

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Achievement

Following the completion of the major LED lighting upgrade programme, Livewire have benefited from a considerably reduced electrical usage - in the order of 425,000kWh - across the four nominated sites included in this first round of energy efficiency projects.

As a direct result of this substantially reduced energy consumption, these next-generation LED projects are in turn delivering savings in carbon emissions of circa 220 Tonnes of CO² year on year.

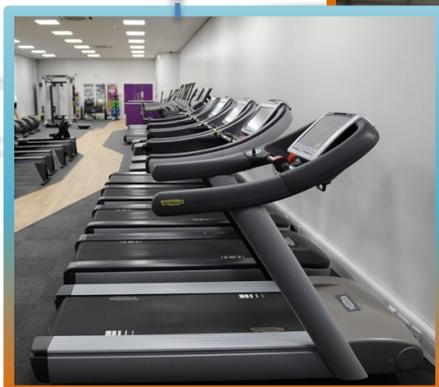
With the resultant operating and maintenance savings, Livewire will see a return on their investment in less than 4.5 years whilst providing a greatly improved environment and customer experience.

Client Feedback

Keith Maddock, Livewire's Neighbourhood Wellbeing Director said:

"We could not be happier with the end products both in terms of the significant improvements to lighting quality - and, therefore, our members' experience - and also importantly to the considerable energy and financial savings achieved as a result of their exceptional designs.

Unify's meticulous management has minimised the impact to our day to day operations and we are absolutely delighted with the financial benefits that we are already experiencing; reductions of up to 60% compared to our previous running costs."



The Unify Group has undertaken numerous energy efficiency projects up and down the country. Unify consistently improves the customer experience, enables strong investment returns and delivers a professional and courteous service.

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