

We are offering an LED lighting retrofit service for community buildings across West Chester & East Flintshire

“An exciting opportunity for your community building to save money.”

“Improving the lighting in your community building to create a more pleasant experience for your users”

“We can also offer some free complementary sustainability advice at the initial assessment stage. Although we are not certified sustainability auditors, we are experienced in energy efficiency measures and are willing to offer general advice on how to reduce energy consumption to save you extra money”

Contact us:

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CHESTER COMMUNITY ENERGY

Working Together for a Sustainable Future

Inspiring renewable energy and low carbon energy projects for community buildings across West Cheshire and East Flintshire

Project to install

LED LIGHTING

in community buildings in West Cheshire and East Flintshire





Solar PV panels at Northgate Arena, Chester

Who are we?

- Chester Community Energy Ltd. (CCEL) is a registered Community Benefit Society run by volunteers developing and promoting low carbon energy projects in West Cheshire through community investment by raising funds from public share offerings and grants.
- We are a proven successful organisation, having raised £170,000 in community shares to install solar PV systems on leisure centres in West Cheshire. Our members are paid interest from the shares they hold and any surplus is put into a community benefit fund or used for future project development.
- Our team of volunteers consists of an architect, economist, engineer, environmental consultant and solicitor who have a range of knowledge in various aspects of low carbon energy technology.

What are we offering?

An LED lighting retrofit installation to replace halogen or fluorescent lights in community buildings across West Cheshire. We offer a simple 4 step process to install new lighting with a payback period of 5 years or less,

- **Assessment:** An initial, provisional lighting assessment – arranging a site visit to record initial data on your existing lighting system to assess the financial viability of an LED retrofit. This depends on how many lamps you have and how many hours they are used for.
- **Viability check:** We will check whether your premise is likely to benefit from our scheme by predicting potential power savings against an estimated installation cost.
- **Savings and agreements:** Detailed energy savings will be assessed after we arrange a professional cost estimate for the new lighting without obligation. If the reduction in electricity bills will “repay” the capital cost of the installation within a period of 5 years then it will be deemed a viable installation and a fixed price will be offered for consideration to our clients. If acceptable to the our client, a final agreement is then signed when both parties are satisfied of the contractual arrangements.



LED retrofit lighting at Guilden Sutton Village Hall

- **Installation**
New LED light fittings will be supplied throughout. They will be supplied by a well-established manufacturer with a min. 3 year warranty, with most fittings having a 5 year warranty. The installation will be carried out by a local NICEIC approved electrical contractor.

What are the benefits?

- **Community benefit:** We are a community energy company. Any surplus from our business models is used to provide grants for local charities and community groups. We are currently providing £5000 per year grant funding to organisations in East Flintshire and West Cheshire for energy efficiency improvements
- **Financial gain:** Energy bills can be reduced significantly by replacing traditional lighting systems with LEDs. You can save around 50% of the energy you currently use to power fluorescent tube lighting with LED replacements. LED fittings last longer (up to 50,000 hours) and are available for direct replacements of your existing lighting with a range of light colour to suit your requirements. After the capital investment has been recovered in reduced electricity bills, you benefit 100% from the energy savings.
- **Environmental benefits:** Increasing energy efficiency via an LED lighting system will reduce your carbon footprint and increase sustainability within your community building. By owning and using a lighting system that uses less energy, you will be tackling climate change and protecting ecosystems. Environmental impacts of a building can and do influence customers' and organisations' decisions of where to host events!