



impact

energy **saving** solutions

Company Profile

Overview



Save energy costs and reduce your carbon output



One of the biggest challenges facing business today, whether in manufacturing, office, retail or service environments is rising energy costs. This can have a significant negative impact on a company's financial performance, reducing hard earned profits.

Impact provide tailored solutions designed to reduce energy costs, and reduce carbon emissions to companies and organisations looking to change to environmental energy options.

Amongst others Impact have delivered energy efficiency projects for Fitness First, The O2, University of Surrey, St Mellion Golf Course, Spire Hospitals, Vue Cinemas and Goals Soccer Centres.

Facts at a glance

- An opportunity to pay less for your utility bills.
- We can help you to reduce your carbon emissions.
- Funding and tax breaks are available to help you make the change.

Book a Free Survey Now !

Our Company



Impact - Leading the way in energy efficiency products and services

Impact Energy Saving Solutions is a division of DES Electrical Contractors Ltd which is a Lancashire based company that carry out work throughout the UK and selected locations overseas.

Impact was formed due to a growing need for the business sector to reduce carbon emissions and reduce energy bills. We offer an end to end solution from conducting free energy analysis, product supply through to installation and evaluation.

We have developed expertise in three key areas.

- Voltage Optimization & regulation
- Lighting Efficiency
- Energy Management Technology
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Free Site Assessment



Power Quality Analysis



Energy Savings Proposal



Commissioning of Products



Free Verification Testing



Years of Energy Savings

What makes us different

Unbiased advice on energy savings methods & techniques

Impact operate as a turnkey energy and carbon management services provider offering a range of services relevant to public and private sector clients. Our expertise encompasses all aspects of energy efficiency and, carbon management and our services are structured to facilitate clients' requirements whether they need help in a specific area or require a complete end-to-end solution.

We work in collaboration with our clients at every stage of a project's life-cycle, providing sustainable, tailored solutions which focus on adding stakeholder value and realising commercial benefits.

Impact work in partnership with a range of different suppliers, which guarantees you a fair, balanced, and unbiased assessment of your energy and identifies potential solutions. This enables us to offer bespoke solutions tailored to meet your requirement.

Any course of action is motivated solely by the desire to achieve the best solution for the client. Impact provide advice based on a formal Code of Practice and Operating Protocols. Advisors are trained in technical advice, customer service, and have specialist knowledge in energy efficiency products.



Why work with Impact

With energy costs on the increase – make the change now



Benefits of working with Impact:

1. We reduce your overall energy usage each month
2. Generate direct savings in utility bills
3. Reduce carbon emissions
4. Reduce maintenance costs of equipment
5. Extended life-cycles of machinery and equipment
6. Protect the entire electrical infrastructure of your site
7. Improve your Sustainability Profile

Lighting Efficiency



Lighting products for energy reduction

Energy Efficient Lighting

Impact are committed to providing you with the highest quality energy efficient lighting technology available. In a typical warehouse or commercial facility, lighting often accounts for a massive **60%** of the total electrical costs! By installing Intelligent Energy Saving Luminaries with controls you can provide up to **70%** reductions in your lighting costs.

Impact is an environmentally conscious company. Our energy-efficient lighting installation and maintenance programs serve a dual purpose: a quantifiable reduction of cost for you, and increased benefits for the environment. Many lighting upgrades not only reduce energy consumption, but also improve the visual working environment and provide maintenance savings.

The benefits:

1. Energy efficient lights use less electricity.
2. Produce less heat, thus you use less air conditioning.
3. Higher reliability / longer product life.



Voltage Optimization

A majority of UK businesses are wasting money!



Voltage Optimisation & regulation

The main concept behind Voltage Optimisation is that customers receiving voltage at higher levels are unknowingly paying high electricity bills, overdriving their equipment and wasting energy. Voltage is in electrical terms the equivalent of pressure in plumbing. If you had a leaky water distribution system by lowering the pressure you would slow the leakage.

Voltage Optimisation effectively reduces electrical pressure and hence electrical losses. This generates savings on your electricity bill. This also means you will reduce your carbon emissions – each kWh of electrical energy saved is equivalent of 0.54kg of CO₂.

Together with our partners Impact provides both optimisation and regulating products to all sectors of the industry. After the equipment is installed, you will notice a more efficient use of your power system's load, and of course, monthly savings in your electric utility bills.

Energy Management

Making your business more efficient

Analysis software and power meters

Our products enable you to display your building's energy consumption, manage multiple systems, and see how much energy and money you're saving.

Our software can be used offline for power system simulation, online for real-time data management, or used to control real time systems. Software is customizable; enabling clients to utilize the portions of the application they require without having to purchase the entire package.

Impact has a comprehensive array of analysis tools to support your power system analysis requirements. From straightforward short circuit calculations to advanced transient stability studies, Impact is the most flexible fully integrated solution available.

This will allow your business to optimise energy usage and identify energy saving opportunities.



How we save you money

less energy
less money
less emissions



Saving Energy = Saving Money

Is your business burning up more energy than it really needs? If so then you are wasting money needlessly. Our energy efficient solutions will reduce the amount of electricity your business requires to operate.

The cost of electricity to business has gone up by more than 70 per cent in the past decade data shows. Our solutions provide an effective defence against rising utility prices.

We customize each program to meet our client's specific objectives in energy cost reduction, and to align with its corporate culture and organizational structure. Impact's ultimate goal is to develop a best practices approach to eliminating energy/facilities cost waste from our client's balance sheet.

Funding



There is Help Out There For Your Business

Impact always prioritise our recommendations in terms of cost-effectiveness and paybacks. We can recommend No-Cost measures that can be immediately implemented from the first site visit and assessment of energy usage.

Impact will assist you in understanding all government schemes currently available including Enhanced Capital Allowances (ECA) and Carbon Trust 0% Interest Loans both of which are designed to assist businesses financially when implementing energy efficient lighting. Our years of experience and accumulated knowledge will be at your disposal in making what seems like a daunting and costly process really quite simple and inexpensive.

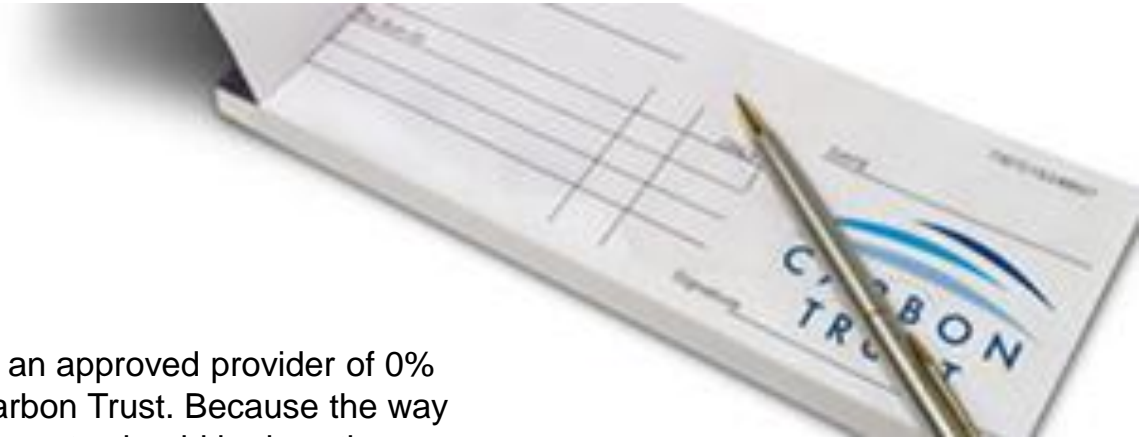
We can provide a business case for improvements and assist in applying for funding from the Department of Environment and Climate Change (DECC) or other 'Green Funds'.



Funding



Help with Funding through the Carbon Trust



Impact Energy Saving Solutions is an approved provider of 0% interest, self funding loans from Carbon Trust. Because the way the loans are structured, the repayments should be less than the savings you will make from installing our lighting solutions. In other words, your new environmental system will work out free for you and you may even start making savings within the first month.

With a Carbon trust loan, the payback period until you start making savings might be 0 months!

Carbon Reduction

World energy consumption projected to rise 44% from 2006 to 2030; Carbon emissions to jump more than 39% without new policies.

The 2008 Climate Change Act made Britain the first country in the world to set legally binding 'carbon budgets', aiming to cut UK emissions by at least 80% by 2050. To achieve these ambitious targets, widespread action is needed right now.

What are your carbon emission plans? Government legislation on climate control means that all businesses need to be aware of their social responsibilities.

Energy efficiency is commonly recognised as the most cost-effective way of reducing carbon emissions which is achievable through the implementation of products which minimise energy consumption.

**Reduce your emissions
and help to conserve
the planet**



What Next – A Survey



Need help finding your way?



Invite us out for a free consultation. Firstly we will assess your current energy costs by visiting your site. We will identify issues and help you implement efficiency improvement measures and get you on the right track to saving money and reducing your energy consumption.

Once we have all of the information from the site survey, we can quickly generate a report making it clear what your current energy consumption costs are and what savings can be made. We will show you our factual findings and our recommendations for our energy solutions.

We carefully model each area to identify the most energy-efficient configuration possible. This process allows our professional engineers to consider multiple solutions and individually tailored to your requirement.

If there is real interest; before any major financial commitment is required, we would always recommend a small sample trial area to be installed that can be power monitored, to confirm your buildings unique performance and show actual energy cost saving for your business stating payback period. Again giving you 100% peace of mind.

Contact



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consultation**

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