



powerPerfector Newsletter

FINANCIAL TIMES - IT IS THE GREEN HOLY GRAIL Issue 28

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We can't resist sharing some rather fabulous press -

25th November FT.com article.
By Rohit Jaggi

It's the green holy grail - to save the planet and save money at the same time.

Like most grails, it is elusive. But some companies and public bodies think they may have found it.

According to the Confederation of British Industry, £8.5bn a year is wasted on energy just in the UK. That adds up to about 22m tonnes of CO2 - or the equivalent of Scotland's total commercial carbon emissions in a year.

There are a number of reasons why so much energy is wasted. But one is a mismatch between the electricity required to run equipment in organisations and the power that is delivered to their premises.

That is where voltage power optimisation comes in - a technology that one company, powerPerfector, has a licence to sell in the UK.

Due to copyright issues, if you wish to read the entire article which of course I highly recommend, you need to register for with F.T. on line (see [WEB LINKS](#)).

TORIES PLEDGE 10% CUT IN GOVERNMENT CO2



The Tories signed up to 10:10 promising to introduce a raft of new measures to cut government emissions by 10% within 12 months of taking office. Considerable inroads into improving energy efficiency and cutting CO2 can already be seen

by the 14 Government Agencies that are putting powerPerfector at the foundation of their energy efficiency programmes and averaging fixed savings of energy and emissions well in excess of 10%.

Let's hope that best practice will be shared and the fantastic savings already achieved within government will continue across the estate making that promised target easily achievable.

15% ENERGY SAVINGS AT AMEY



They consider their corporate responsibility and environmental impact to be a high priority. In recent years they have seen improvement against their peers with environmental responsibility and have gained an international standard for environmental management systems.

The powerPerfected Sherard Building, located in Oxford, is the headquarters of the company. The installation of a 350kVA unit achieved a 15% reduction in electricity consumption and contributed to Amey Plc's efforts to reduce their carbon footprint by 69,500kg per annum.

SWALLOWFIELD - MANUFACTURING



Having established itself as a leading global provider of products, services and solutions to the personal care and household goods sectors. Swallowfield was one of the first companies to be accredited with the environmental management standard, ISO14001, in 2008 and have continued to make significant progress in

improving environmental performance - installing the powerPerfectors is very much inline with that aim.

Two powerPerfector VPO units were installed at the Wellington site: a 560kVA for the 'Factory Supply' and a 740kVA for the 'Compressor's Supply'

Analysis of the data produced 13.2% for the Factory Supply and 10.2% for the Compressor's Supply. This equates to a projected annual carbon saving of 252,600kg.

"Retrofitting equipment onto an established site can be fraught with difficulties; however the whole project went very smoothly. The process was so successful that when a lighting company was subsequently contacted to demonstrate their product, they needed to adjust down their original estimated cost savings."

*Philip Reid,
Engineering Manager, Swallowfield Plc*

WIPE OUT WASTE AWARDS - THEY WERE AMAZING



50 children with teachers, volunteers and support staff participated in what proved to be a truly inspirational day. 10 schools presented their ideas before a Dragon's Den style panel of influential environmental judges including; Dr. Liz Goodwin of WRAP, Ian Fielder, Chairman of BIFM and Professor Bill McQuire., Science Adviser to Footprint Friends.

Canon Burrows C.E. Primary School were the overall winners with their 'Why throw away perfectly good pencils' Wipe Out Waste idea. Full details of all the presentations are

available on the Footprint Friends website.

The winning school will now be powerPerfected which will provide the entire school with savings in costs, kWh and carbon emissions enabling them to fund more WOW initiatives going forward. The children also received a

super trophy, eco books and tee- shirts.

Bill McGuire - WOW judge *'The most fantastic presentations I have seen on the topic - ever. They would certainly give my students a run for their money. Often individuals think that they are unable to make a difference, but just imagine if all the schools in Britain took up the suggestions today and all the homes did the same thing there would be millions and millions of tones of carbon saved in this country - if that was translated around the world it would have a huge impact.*

Everything that every one does has a significant impact and can make a big difference without changing our lifestyles very much at all - WOW has been absolutely Brilliant!

Bill McGuire - WOW judge

Find out more about the WOW awards

YOU TUBE, CRC WEBINARS AND PODCASTS



This is fast becoming an incredibly popular way to share knowledge. This month we have been actively taking part in several high profile webinars and presentations, several of which have been on CRC. If you would like to see or hear any of these you are able to access them on the relevant web site details below.

edie - CRC resource centre:

http://live.edie.net/_powerPerfactor-explains-the-CRC/video/849158/25995.html

Low Carbon Innovation - Realising the value of Carbon Reduction Now. Low Carbon Innovation Forum

What is powerPerfactor - YOU TUBE (link below)
YOU TUBE - WHAT IS POWERPERFACTOR

£8.5 BILLION IN ENERGY WASTE EVERY YEAR

As the various governments gather to discuss the framework for a new agreement designed to address the global challenges of climate change the ELEPHANT in the room which we can all do something about is the appalling waste of our own energy through inefficiency. We pay for it so why waste it ?

Ahead of the CRC next year, and the outcome of the talks this month, there are actions we can all take now to address this issue and there are government funds in place to assist, should you meet the funding criteria.

The 31st of December is the deadline to apply for Salix Finance funding and there is still a whopping £20 million available. If you would like to help SALIX spend this funding by giving life to your energy efficiency initiative, please speak to our Public Sector team who will offer you assistance.

For the Private Sector, provided your annual electricity spend is under £500,000. (should your annual electricity exceed this threshold, then only if your company is an SME are you eligible.) The loan itself, worth between £5,000 and £200,000, is unsecured, interest-free, repayable over up to four years and has no application fee.

With powerPerfactor's average ROI of around 50%, the two year payback falls well within the loan's limits, allowing you to take full advantage of the support available.

ISO 9001 AND 14001 ACCREDITATION ACHIEVED



We are delighted to announce that we have been awarded ISO accreditation for both 9001 and 14001 recognising our commitment to the highest standards and processes. It is now our intention to achieve 16001 for Energy Management, watch this space.

TENDERS WON

The Environment Agency have appointed powerPerfector as their energy efficiency partners. The powerPerfector Voltage Power Optimisation (VPO) technology will be installed in 33 buildings around the UK. "The ESPO framework was recently utilised by the Ministry of Justice for their London HQ buildings - the inaugural use of this framework - which powerPerfector won and will be installing in December, this will bring the number of Government agencies to 14."



On the 12th November we were the sponsors and presenters of the award for the best Carbon Reduction Project at London's historic Hurlingham Club.

Organisations from around the UK were gathered together to applaud and award the leaders in environmental excellence.

Their successes have proved that when organisations invest in a development strategy which embraces environment impact - everyone wins. The award for the Best 'Carbon Reduction Project' was presented by the sponsor of this category Angus Robertson AEA for its work with the London Development Agency (LDA) on the Green500 carbon mentoring scheme for large firms operating out of the capital.

The hard fought project categories were judged by high profile environmentalists including Jonathon Porritt, Liz Parkes and Joanna Yarrow. All the category winners and their projects are available to view on the edie website.

As the powerful meet, may humility, vision, wisdom and decision abound in Copenhagen.

Perhaps we should remind them all of the collective words of the less fortunate;

But I, being poor, have only my dreams; I have spread my dreams under your feet, Tread softly because you tread on my dreams.

W.B. Yeats

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email: kimberley@powerperfactor.com

web: <http://www.powerperfactor.com>

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