

Case study VRCC Ltd

Taking care of their energy costs

VRCC Ltd in Laindon provide Medical, Surgical, Oncological, Neurology & Cardiology Referrals and the most advanced cancer treatment for dogs and cats. They operate 24 hours a day so are always using their lights and were looking to reduce their energy use and costs.



Pictured L-R: Charlotte Collins from Low Carbon Business with Malcolm Holland, Practice Director at VRCC.

“We are already saving £13 a day on our energy costs compared to this time last year”

Malcolm Holland
Practice Director

Expected Achievements

- ✓ Annual kWh energy reduction of 104,000 units
- ✓ CO₂ reduction by 64 tonnes
- ✓ Cost savings of at least £7,500 per annum

Grant Awarded: **£7431**

Background

VRCC Ltd wanted to install a new modern energy efficient lighting system to reduce their energy use and electricity costs as the lights are in use 24 hours a day.

VRCC Ltd is the UK cancer vets centre that has been operational since 2002. They wanted to upgrade their lighting system to reduce their costs.

They consulted with **Brighter Green** who were able to advise and draw up a project plan that suited the needs of **VRCC Ltd**. They sourced and fitted the new low energy lighting system required, replacing the old system.

VRCC Ltd were referred to **Low Carbon Business** for a grant to aid with the costs of the project. They were able to guide **VRCC Ltd** through the application process and secure a European Regional Development Fund (ERDF) grant towards the cost of the project.

The availability of funding from **Low Carbon Business** meant it was possible for the project to be completed and 610 new lights to be installed across the whole building.

Of the total project cost of £22,293 the Programme was able to approve a ERDF grant for £7431.

Outcomes

As a result of the grant the project is expected to reduce the carbon emissions of the company by 64 tonnes per annum. Also cost savings are already being made with electricity costs reduced by £13 a day compared to the same time last year.

The new lighting system has also had other benefits. Firstly the light is more effect than the previous system meaning the number of lighting tubes in some areas of the building has been reduced, saving more energy and costs.

Secondly the efficiency of the lights mean they give off less heat and as a result the air

condition has been used less resulting in further savings.

Additionally **VRCC Ltd** are also installing solar panels on their roof. They are installing 120 panels which will be fully operational by 2012. The installation of these panels is expected to reduce the company's carbon emissions by a further 17.5 tonnes and further cost savings of £5000 a year.

The combination of these two projects will see **VRCC Ltd** reduce their carbon footprint by 81.5 tonnes.