

Working under the Carbon and Energy Fund, health sector energy specialist Dalkia has signed a commitment “to work in partnership to support the Royal Berkshire NHS Foundation Trust to achieve a 25% carbon footprint reduction by 2015”.

At the recent official signing of the contract, Edward Donald, chief executive of Royal Berkshire NHS Foundation Trust, explained: “When our estates director, Phil Holmes, told me we need to reduce our carbon footprint, he said we need to go to tender and appoint the top company in the exercise. We’ve learnt that it’s Dalkia and we know our carbon reduction future is in safe hands.”

Luis Pais Correia, Dalkia CEO North Atlantic, Middle East, Asia - Pacific, said: “For us it’s a great opportunity. The



3,800 tonnes of carbon that we’ll save each year for the trust will add to the 7.1 million tonnes of carbon we already save worldwide. We will do our utmost to deliver your expectations.”

As well as the impressive saving on carbon emissions through implementing the fast track scheme, Royal Berkshire will also achieve annual energy savings of £920,000.

In this first tranche of schemes under the Carbon and Energy Fund, Dalkia has already been awarded the Royal Berkshire as well as the New Cross Hospital project for The Royal Wolverhampton Hospitals NHS Trust, together

ROYAL BERKSHIRE’S FAST ROUTE TO CARBON AND ENERGY SAVINGS



Signing-up: Edward Donald, right, chief executive Royal Berkshire NHS Foundation Trust, puts pen to paper with Luis Pais Correia, Dalkia CEO North Atlantic, Middle East, Asia - Pacific

with preferred bidder status on a further two projects.

Phil Holmes, the trust’s estates director, explained: “It’s not very often that you have a project that’s great for the patient, the finances and the community.

“We’ve worked very hard to achieve this project. Dalkia will be investing about £3.5 million in this hospital in lighting upgrades, plus combined heat and power (CHP), so we’ll generate a significant amount of our own electricity.

Phil added: “There were two key drivers that led us to join the Carbon and Energy Fund. The first was access to funding - what we have we wanted to prioritise to patient care. The second was the central solution, the CHP.

“All aspects of this have great

risks. The Carbon and Energy Fund with their framework suppliers have designed 28 schemes. And Dalkia has already done 50 CHPs. This gave us comfort that this was the right way to proceed and deliver the carbon initiatives.

“As part of the mobilisation of the tendering of the project we decided the selection criteria - technical approach and communication. The NPV (net present value) calculation demonstrated that the Dalkia submission was head and shoulders above the others.

Phil concluded: “The trust felt that the need to simplify delivery of the scheme was key to meeting the Carbon Reduction Requirement. Joining the CEF allowed the trust to complete the short-listing, technical analysis, contract negotiations and final signature within nine months, which is unknown for a contract like this. It would normally take two years.”

Richard Pearson, of WT Partnership, the Carbon and Energy Fund project manager of the Royal Berkshire scheme, said: “This has been an

extremely fast tracked approach to reaching contract close with a first rate organisation. The trust will significantly reduce its carbon footprint, save money, and reduce their backlog, without committing any capital expenditure.”

The 15-year contract will see Dalkia design, build, fund and operate a 2MWe Cogenco CHP unit, a 1MW waste heat boiler, and install hot water mains and a plant management system to control the energy centre. Downstream energy management, including new lighting, improving insulation and optimisation controls and heating systems is also included in the contract which will be



Carbon savers: Philip Holmes, right, estates director Royal Berkshire, with Phil Mottershead, left, Dalkia's industry and healthcare development manager, and Dalkia's Luis Pais Correia

repaid through guaranteed performance savings.

Initially, 1,500 low energy lights will be installed over the next three months before practical completion of the scheme. Fitted in wards and circulation areas, these will save £30,000 a year alone.

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For more from Dalkia, call 01784 496200 or visit www.dalkia.co.uk

ENQUIRY NO. 250



Teamwork: the scheme will deliver a 25% carbon footprint saving by 2015

Clive Nattrass, left, CEO of the Carbon and Energy Fund, told Hospital Bulletin: “The fund started in July 2011, when Royal Berkshire began its programme.

“To date we’ve released Tranche 1A, and Tranche 2. In all we’ve seventeen trusts’ projects in-flight at the moment. Applications are still open for the third tranche of fifteen which is due in October. We’re also looking to release a tranche for Scotland and Northern Ireland.

TRUSTS INVITED TO APPLY FOR HIGH SPEED FUNDING

“Prior to the launch of the fund last year I was involved in 28 hospital energy schemes. These resulted in the creation of the Carbon and Energy Fund which is providing more efficient and cheaper funding, with standardised NHS documents, and dramatically speeding up the whole process. With the fund, the procurement process is about seven months as opposed to around two years. We’re also working with trusts to reduce the

demand side as well as the supply side.”

Clive explained: “Trusts work with us by becoming members of the fund. There are ten established and approved companies on the fund. We lead the trust through a selection process with three or four of the companies. And any trust that works with us gets a project manager and a project engineer.”

Clive is now working with interested NHS trusts to achieve a

target of upgrading 60 NHS trusts every four years - a big improvement on the 13 years it took to do the pilot projects.

To make an expression of interest trusts should e-mail eoi@carbonandenergyfund.net

For more information, call the Carbon and Energy Fund on 0845 053 7748 or visit www.carbonandenergyfund.net

ENQUIRY NO. 251