

Date 11 July 2017

[REDACTED]

[REDACTED]

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Thank you for your request for information under the Freedom of Information Act 2000. The Trusts response is as follows:

1) Please state the organisation's carbon reduction target

28% reduction by 2020 from base line year of 2013/14 25685 tCO₂e

2) Lighting:

a. Has the organisation updated any of its lighting to energy efficient LEDs?	Yes	
b. What % of lighting assets have been upgraded?	Unknown	
c. How many bulbs, tubes etc does this represent?	1580	
d. What date did these upgrades take place?	2015-2016	
e. What was the total value of the initial investment?	£142,338	
f. How did you fund the investment? Please include the name of any third party finance providers.	Trust Capital	
g. What are the projected annual savings?	A) Budgeted	B) Actual
	£41,927	Lighting is not separately metered
h. Over how many years is this project expected to break even?	3.4 years	
i. Does the organisation have further plans to upgrade lighting?	Yes	
j. If so, has all the required funding been secured?	No	
k. When is the project due to start?	When funding is secured	
l. Are there any further plans identified where funding has not yet been secured?	Yes, see below.	
m. Who at the organisation is accountable for securing the funding and management of these projects (please provide name and job title)?	Energy and Sustainability Manager	

3) What other efficiency projects have you engaged with? Please list all current and planned projects and provide the following information:

Project	Project Start Date	Investment Value (£)	Details	How was it funded?	Expected Annual Savings (£)	Payback period (years)	Person responsible for delivery
Building Management System	Subject to funding bid	335,880	Upgrades, optimisation, analytics	Proposed Salix bid	153,999	2.2	Energy and Sustainability Manager
Burner Controls	Subject to funding bid	64,020	Improve combustion, modulation and sequencing	Proposed Salix bid	16,913	3.8	Energy and Sustainability Manager
Motors	Subject to funding bid	7,652	Inverter upgrades	Trust Energy Revenue	4,081	1.9	Energy and Sustainability Manager
Compressors	Subject to funding bid	2,400	Zero loss drains	Trust Energy Revenue	718	3.4	Energy and Sustainability Manager
Air Handling units	Subject to funding bid	1,301,885	Plug Fans an refurbishments	Proposed Salix bid	172,756	7.5	Energy and Sustainability Manager
Lighting	Subject to funding bid	734,731	LED replacements	Proposed Salix bid	168,276	4.4	Energy and Sustainability Manager
Free Cooling	Subject to funding bid	267,346	Server room free cooling	Proposed Salix bid	39,252	6.7	Energy and Sustainability Manager
A/C controls	Subject to funding bid	24,804	Fit PIR detection on split units	Trust Energy Revenue	25,783	1	Energy and Sustainability Manager

4) Third Party Providers -

Has the organisation engaged with any third party providers, either a company offering energy efficiency financing (Green Investment Bank, Salix Finance etc.) or through energy performance contracts (EPCs) with energy service providers, to fund the organisations energy efficiency initiatives? Please provide the following details for all arrangements, including any already listed in responses to previous questions:

Provider name	Who at the trust signed the contract?	Name of framework used	Contract Start	Contract End	Annual cost to the trust (£)
Salix Finance	The Trust was exploring opportunities. No contract was signed therefore we are unable to provide any further information for this question.				

This concludes our response. We trust that you find this helpful, but please do not hesitate to contact us directly if we can be of any further assistance.

If, after that, you are dissatisfied with the handling of your request, you have the right to ask for an internal review. Internal review requests should be submitted within two months of the date of receipt of the response to your original letter and should be addressed to:

Trust Secretary
University Hospitals Bristol NHS Foundation Trust
Trust Headquarters
Marlborough Street
Bristol
BS1 3NU

Please remember to quote the reference number above in any future communications.

If you are not content with the outcome of the internal review, you have the right to apply directly to the Information Commissioner for a decision. The Information Commissioner can be contacted at: Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF

To view the Freedom of Information Act in full please click [here](#).

Yours sincerely,

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