

Ref: FOI/CAD/ID 4104

Please reply to:
FOI Administrator
Trust Management
Maidstone Hospital
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Freedom of Information Act 2000

I am writing in response to your request for information made under the Freedom of Information Act 2000 in relation to energy initiatives.

1) Please state the organisation's carbon reduction target

2) Lighting

- a. Has the organisation updated any of its lighting to energy efficient LEDs?*
- b. What % of lighting assets have been upgraded?*
- c. How many bulbs, tubes etc. does this represent?*
- d. What date did these upgrades take place?*
- e. What was the total value of the initial investment?*
- f. How did you fund the investment? Please include the name of any third party finance providers.*
- g. What are the projected annual savings?*
 - a. budgeted*
 - b. Actual*
- h. Over how many years is this project expected to break even?*
- i. Does the organisation have further plans to upgrade lighting?*
- j. If so, has all the required funding been secured?*
- k. When is the project due to start?*
- l. Are there any further plans identified where funding has not yet been secured?*
- m. Who at the organisation is accountable for securing the funding and management of these projects (please provide name and job title)?*

3) Other Energy-Saving Initiatives

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

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:

1. A 28% reduction in scope 1 and 2 emissions by 2020/2021 against a 2013/14 baseline

2. Lighting

a. Yes

b. 5%

c. Circa 500

d. During the last 18 months

e. Circa £45000

f. Funded through capital lifecycling expenditure.

g.

a. Not calculated – see above

b. Not Calculated – see above

h. Not applicable

i. Yes

j. No

k. When funding is secured

l. Yes

m. Jeanette Rooke

Director of Estates and Facilities

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3. Other Energy-Saving Initiatives

Project: (LEDs, CHP, Energy Management Systems etc.)	Project Start Date	Investment Value (£)	Details: (e.g. to reduce carbon emissions and lower energy bills the trusts installed x, y and z...)	How was it funded? (e.g. loan agreement through Salix etc.)	Expected Annual Savings (£)	Payback period (years)	Named person responsible for delivery
LED Installation at 2 sites	TBC	A £250K B £495K	Reduce utility cost, lower maintenance, support CO2 reduction targets	Not Funded Yet	A £110K B £95K	A 2.3 B 5.0	
BMS Upgrade and controls review	TBC	£65K	Optimise HVAC operations and parameters	Not Funded Yet	£75K	0.9	
Chiller optimisation	TBC	£80K	Reduce cooling demand	Not Funded Yet	£35K	2.3	

4. Third Party Providers

Provider name	Who at the trust signed the contract?	Name of framework used	Contract Start	Contract End	Annual cost to the trust (£)
Cynergis	Director of Estates and Facilities	Essentia	2015	2016	Not applicable