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| Reference: | FOI.8582.22 |
| Subject: | Lighting, electricity and on-site power generation |
| Date of Request: | 30 March 2022 |

Requested:

1. How many sites/building does the Board have?
2. What type of lighting specifically (incandescent, fluorescent, halogen, LED or mixture) does the Trust use in the following areas?
 - a. Hospitals
 - b. Offices
 - c. Other Sites
3. What was the annual electricity energy consumption (in both kWh and £) for the last three years?
4. For buildings in the Trust, are solar photovoltaic (PV) panels installed?
5. For buildings in the Trust, what Building Management System (BMS) is in use?
6. Is there a hard services external Facilities Management company under Contract with the Trust and who is it?
7. Please provide a copy of your Green Plan.
8. Name, position, email address and contact number of the member of staff responsible for reducing the carbon emissions within the Trust as part of the overall strategy of the NHS to reach Net-Zero?

Response:

1. Hywel Dda University Health Board (UHB) confirms that it has thirty two (32) freehold properties across thirty two (32) sites containing 133 buildings/blocks and thirty two (32) leasehold properties (partial or sole lease for buildings only) across twenty one (21) sites.
2. The UHB provides, within the table below, the types of lighting used in the specified areas.

| | Area | Type of lighting |
|----|-------------|-------------------------------|
| a. | Hospitals | Mixture of 2D, T5, T8 and LED |
| b. | Offices | Mixture of T5, T8 and LED |
| c. | Other sites | Mixture of 2D, T5, T8 and LED |

3. The UHB provides, within the table below, the annual electricity cost and consumption in kilowatt-hours (KWh), during the financial years 2018/19, 2019/20 and 2020/21

| Financial year | Cost | Consumption in kWh |
|-----------------------|---------------|---------------------------|
| 2018/19 | £2,536,687.00 | 17,814,158 |
| 2019/20 | £3,044,682.00 | 18,802,174 |
| 2020/21 | £3,039,680.00 | 18,001,453 |

4. The UHB confirms that twelve (12) sites across the UHB have photovoltaic (PV) panels installed.
5. The UHB confirms that the Building Management Systems (BMS) in use are Johnson Controls and Trend systems.
6. The UHB confirms that there is not a hard services external Facilities Management company under contract, as this work is managed in house. However, the UHB does have a contract with Centrica for its Energy Performance.
7. The UHB confirms that it does not have a Green Plan. However, the UHB are currently in the process of developing a Decarbonisation Delivery Plan and Action Plan with the Carbon Trust, in response to the Welsh Government (WG) All Wales NHS Decarbonisation Strategic Plan.

Additionally, there are Green groups set up on a number of the UHB's sites that are looking at ways to enhance biodiversity and green spaces for staff, patients and visitors, with biodiversity surveys currently being carried out to assist with this process.

8. The UHB confirms that overall responsibility for reducing the carbon emissions across the UHB as part of the overall strategy of the NHS to reach Net-Zero is Lee Davies, Executive Director of Strategic Development and Operational Planning and can be contacted by telephone on 01267 235151 or by email on Lee.Davies3@wales.nhs.uk