



Freedom of Information Request: Our Reference CTMUHB_265_25

You asked:

Under the Freedom of Information Act 2000, I would like to request information regarding your current and planned usage of solar energy across your estate.

Please could you provide responses to the following questions:

- a. Governance & Responsibility
 1. Do you have a dedicated person or team responsible for solar energy investment and/or sustainability energy initiatives within your organisation?
 2. If so, please provide their role/title (personal names are not required).
- b. Current Solar Deployment
 3. How many solar panel installations (PV systems) do you currently operate across your estate?
 4. What is the total installed capacity of these systems (in kWp)?
 5. What proportion of your organisation's energy usage is currently provided by solar generation?
- c. Investment & Strategy
 6. Does your organisation have a documented investment strategy for expanding the use of solar panels or increasing on-site renewable energy generation?
 7. If so, please provide a copy of or link to the relevant strategy or plan (or summarise key points if not published).
- d. Solar and Net Zero Commitments
 8. Does solar energy form part of your organisation's Net Zero / Carbon Reduction Strategy?
 9. If yes, how is progress against this strategy communicated to the public (e.g. via website, reports, dashboards, etc.)?
- e. Future Plans
 10. Are there any planned solar panel projects or expansions within the next 3 years? If yes, please provide high-level details (e.g. number of sites, scale of deployment, approximate timescales).
 11. Have you conducted any feasibility studies on increasing solar capacity in the past 3 years? If so, can these be shared?
- f. Procurement & Partnerships
 12. Does your organisation currently use any third-party companies or frameworks to deliver solar energy solutions or manage installations? If yes, which ones?
 13. Are there any upcoming procurement exercises planned relating to solar energy or wider renewable energy solutions?

g. Battery Storage

14. Do you currently use battery storage alongside your solar panels?
15. Are there plans to invest in battery storage in future?

h. Funding

16. Has your organisation accessed or applied for any external funding to support solar energy projects (e.g. SALIX, Public Sector Decarbonisation Scheme, LEP funding)?

i. Barriers

17. What are the main barriers your organisation faces to further adoption of solar energy (e.g. funding, planning restrictions, roof suitability, internal resource)?

Our response:

a. Governance & Responsibility

1. Yes
2. Head of Assets, Governance & Technical Services overseeing solar energy investment and energy initiatives

b. Current Solar Deployment

3. Currently 18 systems in operation.
4. Total installed capacity currently 1,468 kWp (at 23/06/25).
5. proportion of your organisation's energy usage currently provided by solar generation - 1.38%. Based on financial year 2024 – 2025 consumption / generation

c. Investment & Strategy

6. No documented investment strategy specifically for solar panels or increasing on-site renewable energy generation. Overall CTMUHB is working within the REFIT Framework (with our REFIT partner Veolia Energy & Utilities) on plans for a suite of energy conservation measures. These are focussed on delivering against the aims of the *NHS Wales Decarbonisation Strategic Delivery Plan* and the *CTMUHB Decarbonisation Strategy 2022-2030* (see point 8 below). This includes the delivery of solar PV installations.
7. Attached *NHS Wales Decarbonisation Strategic Delivery Plan* and the *CTMUHB Decarbonisation Strategy 2022-2030*.

d. Solar and Net Zero Commitments

8. Yes, solar energy forms part of the *CTMUHB Decarbonisation Strategy 2022-2030*.
9. Progress / performance is published via *CTMUHB Annual Report (Sustainability section)*.

e. Future Plans

10. Planned solar projects or expansions within the next 3 years being developed as part of REFIT HLA (High Level Assessment). These are:
 - Princess of Wales Hospital Solar Car Ports
 - Ysbyty Cwm Cynon Solar Car Ports
 - Aberdare Health Centre
 - Dewi Sant Health Park
 - Maritime Mental Health Resource Centre
 - Pencoed Medical Centre

- Tonypandy Health Centre
- Trealaw Mental Health Resource Centre

Installed capacities all to be confirmed. Anticipated timeline for completion in financial year 2026-27:

Private wire supply offsite solar schemes in development serving:

- Royal Glamorgan Hospital (in partnership with RCT County Borough Council). Installed capacity 1.0MWp. Anticipated completion Sept 2025
- Prince Charles Hospital (in partnership with Merthyr Tydfil County Borough Council) Installed capacity 1.4 MWp (although principally supplying school). Anticipated completion Nov 2025.

11. Feasibility studies on increasing solar capacity undertaken in the last 3 years:
 - *Welsh Government Energy Service (for NHS Wales Shared Services Partnership). NHS Wales Estate Renewable Energy Development Review, July 2022.*

REFIT HLA will incorporate solar feasibility studies (not completed yet).

f. Procurement & Partnerships

12. CTM is currently utilising the REFIT framework (with Veolia Energy & Utilities). This will include solar schemes.

Most recent solar PV schemes were delivered by Silverstone Green Energy, Hoare Lea and Tetrattech.

13. Currently at HLA (High Level Assessment) stage with Phase One of REFIT programme. Including solar schemes listed in point 10.

g. Battery Storage

14. No battery storage currently in operation
15. Yes, plans to invest in battery storage at one site currently in development

h. Funding

16. Yes – EFAB, TEF funding schemes from Welsh Government utilised to date (EFAB = Estates Funding Advisory Board, TEF = Targeted Estates Fund). Wales Funding Programme likely for future invest-to-save schemes through REFIT.

i. Barriers

17. Main barriers to solar panels on sites include funding availability, ensuring roof structural conditions are suitable and roof maintenance access requirements can be met.