



Rydym yn croesawu gohebiaeth yn y Gymraeg neu'r Saesneg. Atebir gohebiaeth Gymraeg yn y Gymraeg, ac ni fydd hyn yn arwain at oedi. We welcome correspondence in Welsh or English. Welsh language correspondence will be replied to in Welsh, and this will not lead to a delay.

Cais Rhyddid Gwybodaeth / Freedom of Information request
Ein Cyf / Our Ref: 22-J-056

You asked:

1) What is the annual electricity bill for Morriston Hospital?

In financial year 2021/22 the total expenditure on electricity for Morriston Hospital (including accomodation) was £3,257,441

2) What is the annual gas bill for Morriston Hospital?

In financial year 2021/22 the total expenditure on gas for Morriston Hospital (including accomodation) was £1,018,898

3) Based on current energy usage and rises in prices, how much are the next annual electricity and gas bills for Morriston Hospital likely to be?

On a pro rata basis, the estimated expenditure for financial year 2023/24 is

Electricity	Gas
£5,872,416.11	£2,231,809.63

You can find more information on expected energy costs on our website here - <https://sbuhb.nhs.wales/about-us/key-documents-folder/performance-and-finance-committee-papers/performance-and-finance-committee-october-2022/21-pfcfinance-report-month-6-finalpdf/>. Please refer to Item 2.1, PFC Finance Report Month 6, Section 4.9 table 11, which references the extraordinary pressures and quotes the energy figure for the next financial year, above the normal Health Board budget/expenditure.

4) What steps are the health board taking to reduce energy consumption at Morriston Hospital, and generate its own energy?

In Autumn 2021, Swansea Bay Health Board launched its own full-scale solar farm to aid in the reduction of energy costs for the operation of Morriston Hospital. The 4MW farm will supply almost a quarter of Morriston's power, cutting our electricity bill (by approximately £1,000,000 in the last year based on a kwh rate of 30p) and significantly reducing carbon emissions. You can find more information on the project



here - <https://sbuhb.nhs.wales/news/swansea-bay-health-news/our-unique-solar-farm-is-a-shining-success>

The farm is the first in the UK to be directly wired to an acute hospital, is the latest in a series of environmental improvements across Swansea Bay, with more to follow in the months ahead.

As well as this, SBUHB has had an ISO 14001 environmental management system in place for over 10 years. As part of the ISO accreditation is a regular review of our environmental systems. This is required to show continuous improvement in our environmental performance, including decarbonisation.

As part of our Decarbonisation Strategy, we have set out to reduce emissions through a number of engineering initiatives. We have replaced over 14,000 light fittings, installed over 100 EC fans, replaced two building management systems on the health board's two largest hospitals, and the developed the first hospital owned direct wired solar farm.

Since the development of the solar farm, we have also completed the next phase of projects which saw a further £2.5 million investment in further LED installations, two further solar arrays and the installation of an Air source heat pump. Future priorities include, maximising the potential from improved technologies and further investment. To include, incorporating the use of battery storage at our Solar Farm to ensure all energy generated is used within our hospital. The introduction of a further Air Source Heat Pump which avoid the need for gas has been completed and the Health Board continues to analyse energy performance to identify further opportunities for investment.

