

Case Study: Churchtown Medical Centre

Case Study: Healthcare - Works to aid building decarbonisation.






Client: GLEEDS / NHS
Property Services

Sector: Healthcare

Completed: March 2025

Budget: £127,000

Services Used

-  Project management
-  Electrical Engineering
-  Mechanical Engineering
-  BMS Engineers
-  Solar Engineering Team



Churchtown Medical Centre is a GP practice which serves Southport and surrounding areas.

The practice's building had outdated and inefficient gas-fueled heating, which needed to be replaced as part of the Trust's decarbonization strategy for the building. Energy efficiency and carbon reduction would be achieved through the installation of electric heating and hot water, BMS modifications, and the installation of solar PV panels.

Contract Arrangements

This scheme was successfully competitively tendered by Meel Group. We won the tender to be the main contractor on this project based on price

Project Scope:

- Roof-mounted Solar PV panels – producing on average 1060 kW of energy per year.
- 27 Highly efficient electric radiators providing heat to a mixture of clinical rooms, toilet areas and circulation spaces.
- BMS modifications
- Installation of digital temperature controllers in each of the main areas.





Project Challenges:

The building remained occupied during the project, and the practice required effective heating and domestic hot water. Our team supplied temporary electrically powered solutions to both, until we commissioned the new system.



Health and Safety:

At the Meel Group we take Health & Safety very seriously and all RAMs were in place. To ensure the safety of staff and the public, we worked closely with the centre’s managers to ensure our work was segregated from public access. And when carrying out larger works, where this wasn’t possible, we scheduled our teams to work ‘out of hours’ when the building was empty.

No accidents or near misses occurred during the project.

Results:

The client was happy with the final result and the quality of the work we carried out.

