

CASE STUDY

- **Project:** Hospital rooftop solar thermal
- **Client/ Site:** HCA Healthcare, Birmingham



Calculated Carbon Savings - 14.02 tonnes per year

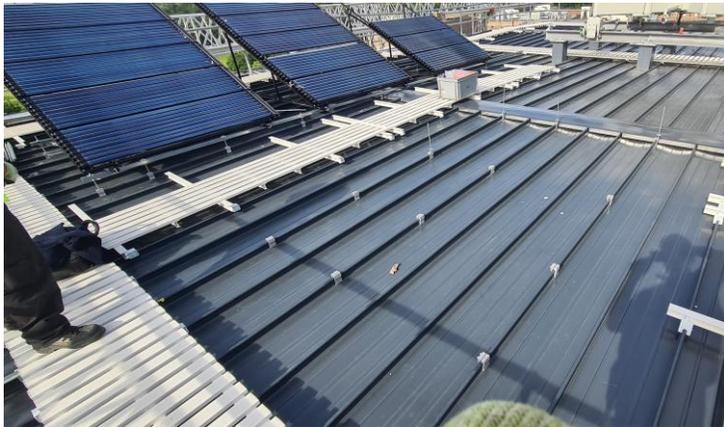


HCA Healthcare - Birmingham

Established in the UK in 1995, HCA operates more than 300 hospitals worldwide including 30 facilities in the UK, their latest being a new-build hospital in Birmingham. The architects, driven by the Part L building regulations, where there is a need for a minimum 10% offset of energy costs with the incorporation of renewables, and a wider need for estate decarbonisation, specified rooftop solar thermal.

SolarUK had presented at a CPD event for the architects and previously installed solar thermal at another of their projects, The Birmingham Dental Hospital.

For this site, we supplied and installed 100m² of LaZer2 solar thermal collectors, feeding into the site's LTHW infrastructure, providing 50.9MWh-th of hot water and reducing the reliance on gas.



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Based in East Sussex, Solar UK have been installing solar PV and solar thermal in the UK and Europe for 25 years. Solar UK manufactures, supplies, installs and maintains fully accredited, advanced solar systems specifically for the UK climate.

As well as being trusted suppliers and installers to both domestic and commercial customers, Solar UK is also one of the UK's leading solar research and development companies.