

ENERGY CASE STUDY

# Solar solution for net zero goal

**Wharfedale Hospital**  
Leeds Teaching Hospitals NHS Trust





# Solar solution for net zero goal

Wharfedale Hospital has taken the next step along its net zero roadmap. A £1.1 million renewable energy project initiated by BAM FM's Energy Team will provide sustainable solar power, reducing the hospitals conventional energy usage and help lower its carbon footprint.



“The solar canopy at the Wharfedale site exemplifies the Trust’s dedication to both environmental sustainability and the health and well-being of the communities we serve. It’s a real positive that the power required to run Wharfedale Hospital will be partly supplied by green energy.”

Craig Richardson, Director of Estates and Facilities at LTH

## A Bright Move

BAM has provided facilities management services at the site since 2004. Its latest installation is a feat of innovation. The design consists of high quality solar canopies. The structure not only harnesses the untapped opportunity over the existing car park but also achieves this without any reduction to parking for staff, visitors and patients, but also generates clean renewable energy for the building.



## Saving More Than Energy

The solar canopy will reduce carbon emissions by 43.7 tonnes per year and save the Trust £75,000 annually. The electricity generated will reduce the use of grid electricity by 15%, which is equivalent to powering 60 UK households.

## Building For The Future

This project and its investment heralds the start of Wharfedale’s long-term plans to develop services and reduce carbon emissions, made possible through successful bids for the Public Sector Decarbonisation Scheme Government funding. A grant which the BAM team assisted the NHT Trust to secure.



**617**  
solar panels



**43.7**  
tonnes carbon emission  
reduction p/a



**£75k**  
annual savings



**15%**  
less grid electricity usage