

# INNOVATIVE PROJECT MANAGEMENT DELIVERS CUTTING EDGE PHOTOVOLTAIC SOLUTIONS



EC Harris played a pivotal role in the planning and co-ordination of one of Europe's largest vertical photovoltaic projects with the installation of 7200 panels producing 180MWh of electricity each year. This is enough electricity to illuminate eight tower floors or power 1,000 personal computers for a year.

The CIS Tower Manchester is a Grade II listed building and at 400 feet in height, is a landmark building in the city and remains one of the UK's tallest office buildings outside London. Built in 1962, the service tower of the building was clad in millions of mosaic tiles. Time and pollution have taken their toll over the years and the mosaic façade was in need of refurbishment to arrest the decay and to uplift the appearance of the building

## Our Approach

Given the client's commitment to balancing profitability with socially responsible and ecologically sustainable development, photovoltaic panels were chosen as the cladding medium to help reduce the overall environmental footprint of the project, and to promote the uptake of building integrated photovoltaic solutions.

The benefit of renewable energy, whilst preserving the remaining mosaic in-situ behind the cladding, was key to securing a clean planning and listed building consent for what is a significant change to an imposing Manchester building.

*“Enough electricity to illuminate eight tower floors or power 1,000 personal computers for a year.”*

### Adding value

EC Harris was involved in this project from the outset conducting detailed option appraisals for the repair of the building and providing the Project Management and Planning Supervisor expertise for the delivery of the project. We were an integral part of the team carrying out the feasibility studies which developed the PV solution working closely with the Client and latterly alongside Arup and Solarcentury a London based solar PV solutions business.

We were able to add real value working alongside the client in assembling a sound business case, and in securing sources of external 'gap' funding

This has helped make the project a financially viable proposition, whilst strongly supporting the client's business ethos.

### Contact

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