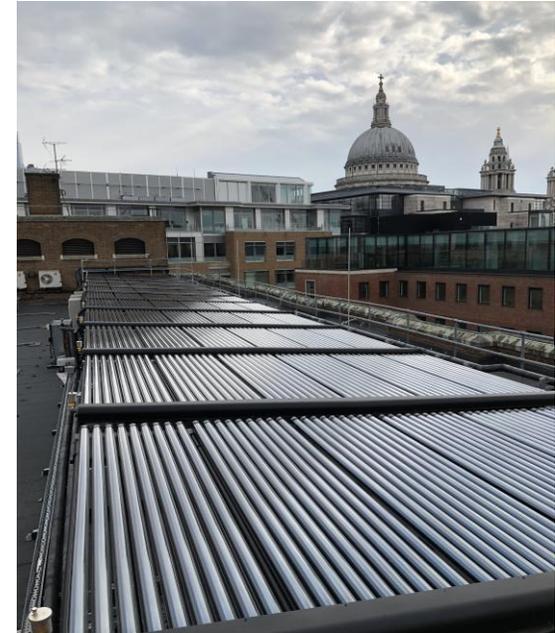


## CASE STUDY

- **Client:** City of London Corporation
- **Site:** Central Criminal Court, *the Old Bailey*, City of London
- **Project:** Commercial rooftop solar thermal
- **Project Architects:** HOK
- **MEP Consultants:** Aecom
- **Main Contractor:** Tilbury Douglas Engineering

**Calculated Carbon Savings - 9.25 tonnes per year**



## Central Criminal Court, the Old Bailey – City of London

Solar UK was appointed by Tilbury Douglas Engineering to design, supply, and install a new rooftop solar thermal solution for their client, the City of London Corporation, at this historic city centre site.

As part of a 10-year plant replacement programme, which included extensive site-decarbonisation objectives, the building's DHW supply has now moved from gas to solar thermal.

Using our market-leading LaZer2 solar thermal collectors, made at our factory in East Sussex, we installed a rooftop collector array, which feeds the three large calorifiers in the basement plantroom.

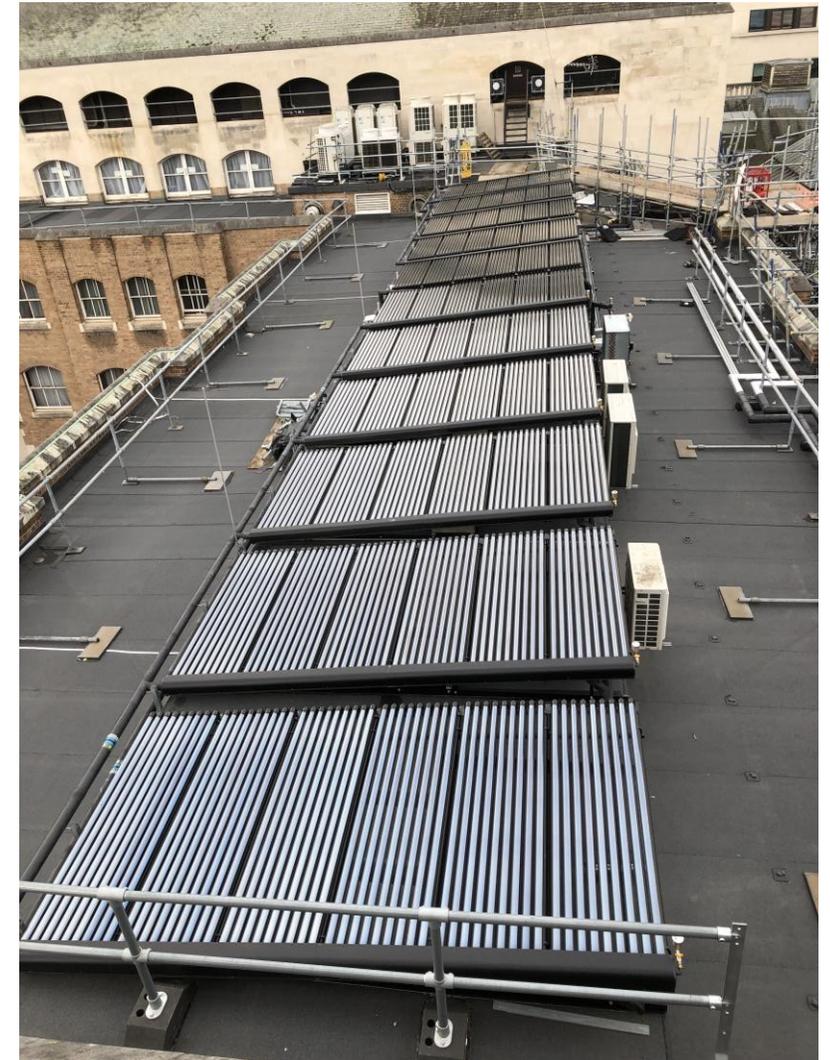
Working closely with the Tilbury Douglas Engineering team, we worked with some site constraints that included restricted noise levels during court hours, no hot works, complex pipe runs through this 100-year-old building, concealed external pipe runs, unforeseen planning delays, and the integration with the building's BMS.

***“It was a pleasure to work with the Solar UK team. From start to finish their communications, technical know-how, and installation processes were first class. The LaZer 2 solar thermal system will make a significant contribution to the decarbonisation of the Old Bailey for many years to come and we look forward to working with Solar UK again.”***

***Kerim Copeland, Mechanical Engineer, Tilbury Douglas Engineering.***

**“To be entrusted by major contractors and their prestigious client to deliver a project at such an iconic, world-renowned, building has been an absolute privilege for everyone at Solar UK. That our technology, designed and manufactured by us at our factory in East Sussex, is now part of the decarbonisation of the Old Bailey, is testimony to the LaZer2 solar thermal collector's credentials and to those of my team”**

***Duncan Lee, Founder & Technical Director, Solar UK.***



**Calculated Carbon Savings - 9.25 tonnes per year**

## Corporation of London (The Old Bailey) - London



Tilbury Douglas is a leading UK building, infrastructure, engineering and fit-out company. They deliver projects across a range of sectors including health, education, highways, justice, defence and water. As a UK regional contractor, they provide specialist design and build capabilities and are experienced at project management and integrating all aspects of a project. With 140 years of experience, they are a trusted partner of central and local government and are used to working closely with our customers and supply chain to achieve outstanding results.



The City of London Corporation is the governing body of the Square Mile dedicated to a vibrant and thriving City, supporting a diverse and sustainable London within a globally-successful UK. The Central Criminal Court (Old Bailey) is recognised as the most famous criminal court in the world and is owned and managed by The City of London Corporation.



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.