



SOLAR PROJECT SPOTLIGHT

Date Installed	2019
Location	Maidenhead
Installation Type	Flat Roof Mounted
Size	100 kWp
Annual Production	89,200 kWh
Annual CO₂ Savings	47,187kg

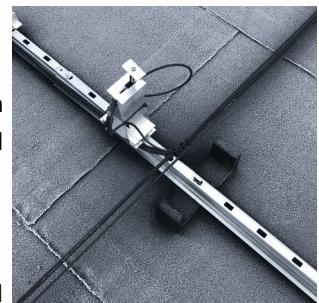
Photo Credit: De Beers Technologies UK Ltd

Solar Array Powers Diamond Verification Site

De Beers Technologies UK Ltd is based in Maidenhead and as part of the Scientific R&D Industry, manufactures automated methods for diamond verification, sorting and other detection equipment. De Beers Group as a whole, value sustainability investments and carbon footprint initiatives, and incorporated into their energy efficiency plans the site underwent a complete roof replacement.

Challenge

To produce a Solar PV System that utilized the 2500m² roof space, as well as providing enough energy to help offset their carbon footprint. De Beers are a sustainability focused company and this install helped guide the company's journey towards being carbon neutral by 2030.



Solution

Ablaze were contracted to design, install and commission a 100 kWp system. The designed solution comprises of 334 polycrystalline panels (300Wp), mounted on a proprietary self-ballasted roof system; the panels are mounted on rubber feet, thus protecting the new roof surface. The south facing

600m² system generates 89,200 kWh per year, resulting in cost savings on utilities of over £13,000.



De Beers Commented:

Jonathan Kendall, President, De Beers Group Industry Services, said: "We take sustainability and our carbon footprint very seriously in all our operations,...solar installations are central to our thinking...Hence our decision to upgrade our Maidenhead site."