

Renishaw PLC

Number of sites in England and Wales

Technology: Solar PV

System size: 5.2MW

Renishaw PLC is a British engineering company based in Wotton-under-Edge, Gloucestershire. With more than 80 offices in 36 countries worldwide, The Renishaw Group are global leaders in R&D, industrial automation, engineering and manufacturing.

Solarsense has been working with Renishaw on their on-going clean energy projects for more than five years. Since being awarded an initial tender contract, Solarsense has designed and installed a range of renewable energy systems at a number of sites throughout the UK.

The large-scale solar PV installation situated on the organisation's Innovation Centre (pictured) was the first project completed for Renishaw and was installed in three key phases. The total system equates to 1.95MW; generating in excess of 1,712,961kWh per year. By incorporating a bespoke solar brise-soleil shading system, Renishaw were able to increase their overall output, reduce their reliance on mechanical cooling systems and visibly promote their commitment to reducing global carbon emissions.

Following the success of the initial New Mills solar scheme, it was evident that many of the organisations energy intensive sites were an ideal match for solar PV and therefore Renishaw partnered with Solarsense again to develop another three sites situated in Wales and England.

Each individual site required a slightly different approach and presented a range of different obstacles to overcome, including; grid limitations, access issues and shading problems, however, the expert design teams were able to overcome these using a variety of specialist technologies.



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