

Renishaw PLC

Multiple sites in England and Wales

Sector: Engineering and Manufacturing

Technology: Solar PV and Solar Carports

Combined system size: 10.46MWp

Annual generation: 9,792,121+ kWh

Annual CO2 savings: 2,928,264 kg

With more than 80 offices in 36 countries worldwide, Renishaw are global leaders in R&D, industrial automation, engineering and manufacturing.

Solarsense has been working with Renishaw on their on-going renewable energy projects since 2015. To date, the organisation has installed more than 30,488 solar panels across multiple sites.

The solar PV installation situated on the organisation's New Mills Innovation Centre (pictured), was the first project completed for the company and was installed in three key phases. By incorporating a tailor made 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 carbon emissions.

Following the success of the New Mills solar scheme, Renishaw partnered with Solarsense to develop several of their sites in England and Wales. Each individual site required a slightly different approach and presented a range of different obstacles to overcome, including grid limitations and shading problems, however, the expert design team at Solarsense were able to overcome these using a variety of specialist technologies.



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