

COMMERCIAL CASE STUDY – ROSSINGTON BUSINESS PARK, RETFORD

Location: Rossington Business Park, Retford, DN22

Completion Date: Fri 29th March 2019

System Capacity: 49.95kw

Roof Type: Trapezoidal, over two aspects.

Panel Type: BYD 270w Polycrystalline

Inverter Type: Solis 50kw Quad MPPT with 10yr Warranty

Annual Generation: 43,000 kWh

Annual CO2 Savings: 12,900kg

Mounting Type : Clenergy 'U' Support – MDPE – Low Profile, Self-Sealing

ROI: 7 Years

Review

Rossington Business Park is a multi-purpose enterprise centre comprising both modern office space and industrial units to accommodate, amongst others, steel fabrication and engineering firms.

Under time pressure due to the impending FIT closure, GB Solar and our contracting partner iVOLT Ltd were able to install and commission a 49.95kw capacity system on time and on schedule for our client.

Due to the client having a HV supply, we worked closely with Western Power Distribution to install the system with zero export limitation. As the client has a high daily energy demand, we were able to work within these constraints to present a seven year return on investment. We were pleased to utilise the services of Howpow Ltd, a specialist in G59 and Export Limitation devices to manufacture, commission and witness test the system to satisfy Western Power's requirements.



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