



Solar PV Case Study – Rotary Building Services Ltd

Outline: System Size: 40.02kW Panels: SolarWorld 285W Inverters: 2 x Delta M20A



As a result of our ever growing reputation, Flixborough Eco Technologies were recommended to Rotary Building Services Ltd to complete their renewable energy project for Harrogate Town Council for the prestigious new build office development. After an initial site survey and a comprehensive scheme analysis, it was established that the site would require 40.02kW of Solar PV, with the intention of installing LED Lighting in the future. With over 20 years' experience in the energy sector, Flixborough Eco Technologies' expert team were perfect for this installation. Our professionalism ensured that we were able to take a project from conception to completion within the specified time constraints.

A total of 138 SolarWorld panels were installed at the location, generating sufficient power to contribute significantly to the site's baseload, as well as generating income by selling excess back to the grid.

1st Year Annual Benefit	Estimated - £5,660.86
1st Year Annual Generation	Estimated – 32,456.22kWh
Payback Period	7 Years

