

## CASE STUDY

# YORKSHIRE EVENT CENTRE SOLAR PV



Yorkshire Event Centre



## HEADLINES

£20,000

a year saving in fuel bills

190,000kWh

of energy saved annually

960

solar panels across a 1,561m<sup>2</sup> roof space

HELPED

achieve a BREEAM 'very good' rating for the development



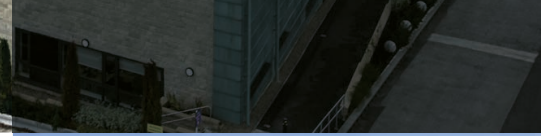
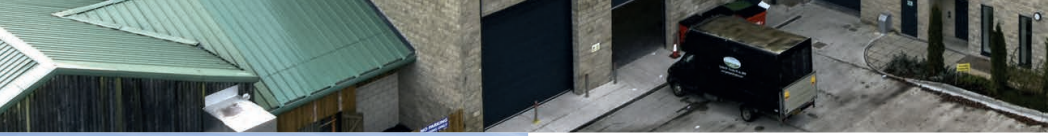
## KEY FACTS

Project title: Yorkshire Event Centre Solar PV  
Location: Harrogate  
Services: System analysis, design, supply and installation

Client: Yorkshire Event Centre  
Contractor: TClarke  
Division: G&H Building Services



# CASE STUDY HOW WE DID IT



This solar panel design, supply and installation project on the roof of the largest single events space in Yorkshire will save over £20,000-a-year in electricity.



After carrying out a system analysis exercise, we installed a 250kW solar PV system on Hall 1 at the Yorkshire Event Centre in Harrogate.



The new building provides an additional 4,320m<sup>2</sup> of exhibition space forming a centrepiece for the Great Yorkshire Showground.

Making it as sustainable as possible was a central requirement for the client, Yorkshire Event Centre and the contractor, TClarke.

To maximise the array, we installed some 960 solar panels across a roof space of 1,561m<sup>2</sup>.

As well as the financial benefits, it will save over 190,000kWh of energy a year.

As specialists, we were appointed by the project contractor, TClarke, to provide an efficient solution to the venue complying with building and planning regulations.

The scheme was instrumental in the development achieving a BREEAM 'very good' rating when its energy efficiency performance was assessed reiterating the key role solar plays in energy reduction strategies.

## CLIENT REACTION

The sustainability of this exciting new build was instrumental from the outset and we are delighted with what has been achieved.

Heather Parry, Managing Director, Yorkshire Event Centre

## KEY CONTACT

David Davis  
Pre-Construction Director  
david.davis@ghbs.me  
0113 255 6433

