

CLIMATE CHANGE STATEMENT

location	The Picturedrome, Market Walk, Holmfirth HD9 7DA
application	Installation of Solar Panels to South Facing Roof Slope.
client/applicant	Picturedrome (Holmfirth)
job number	25/1114
date	Jan 2025

ARCHITECTURE | PLANNING | DESIGN

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Company Registration Number: 09898149 - Company Registered in England and Wales

Part 1: Applicant details

Name of applicant/agent	Agent – Paul Matthews Architectural Applicant – Picturedrome (Holmfirth)
Site Address	The Picturedrome, Market Walk, Holmfirth HD9 7DA
Description of Development	Installation of Solar Panels to South West Facing Roof Slope

Part 2: Climate Change Mitigation measures

Please respond to the following questions considering the measures set out in the Climate Change Guidance note:
Q1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations? (See section 2)
The works proposed will significantly reduce the energy demand as this is the primary objective of the installation of solar panels to the South facing roof slope. The proposals aim to provide up to 52% of the energy demands of The Picturedrome directly as a result of the proposed works and do so with a renewable energy source.
Q2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reusing existing on-site materials or sourcing materials locally? (See section 3)
Sub-contractors and materials will be sourced locally, where possible. Moreover, the proposed works will significantly reduce the carbon footprint of The Picturedrome itself for a more sustainable future.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
The implementation of the proposed solar panels is the direct response to utilise renewable and low carbon energy sources. The proposals aim to bring a structure over 100 years old up to a greater sustainable standard and ensure the longevity of use of the Picturedrome by using such measures as solar energy.

Q4: What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond the minimum requirements in Part L of the Building Regulations ? (See section 5)

The proposals will present a significantly more energy-efficient building for the future as a result of the installation of the proposed solar panels. The estimated energy reduction of 52% for The Picturedrome will see 65% of the energy produced used directly by the host building and 35% provided back to the grid.

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

Flood risk does not apply to this application

Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures) (See sections 7 and 8)

Not applicable on this application.

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

Not applicable on this application however the significant reduction in carbon footprint as a result of the proposed works will indirectly aid in the overall net gain of biodiversity.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

Not applicable on this application.

Appendix B – Further information

Kirklees Local Plan

The development plan for the Kirklees Council area (www.kirklees.gov.uk/localplan)

Planning applications guidance and advice notes

<https://www.kirklees.gov.uk/beta/planning-applications/guidance-and-advice-notes.aspx>

Air Quality and Pollution:

Kirklees Council's website has information on sources of pollution and our Air Quality Management Areas.

<https://www.kirklees.gov.uk/beta/crime-and-safety/air-pollution.aspx>

Building Design and Layout:

The Construction Industry Research Information (CIRIA) publishes guidance on various construction issues, including building and construction technology and sustainability and the built environment.

www.ciria.org.uk

Information on environmentally friendly construction products can be found from the Royal Institute of British Architects product selector website.

www.ribaproductselector.com

Passivhaus Trust provides guidance for designing for increasing summer temperatures and constructing buildings to a high energy efficient standard using a quality assurance approach.

<https://www.passivhaustrust.org.uk/guidance.php>

Construction Materials and Techniques:

Information on environmentally friendly construction products can be found from the Royal Institute of British Architects product selector website.

www.ribaproductselector.com

The UK Green Building Council provides information on sustainable building techniques.

<https://www.ukgbc.org/>

The Building Research Establishment (BRE) Environmental profiles website provide information about sustainable design, energy conservation measures and building materials and components.

www.bre.co.uk

The Construction Industry Research Information (CIRIA) publishes guidance on various construction issues, including building and construction technology and sustainability and the built environment.

www.ciria.org.uk

Production information on certified timber and timber products is available from the Forest Stewardship Council.

<https://www.fsc-uk.org/en-uk>

Historic England provides advice on energy efficiency and renewable energy in Historic buildings.

<https://historicengland.org.uk/advice/your-home/saving-energy/>

Passivhaus Trust provides information on Passivhaus buildings and standards.

<https://www.passivhaustrust.org.uk/>

Carbon Emissions:

The Carbon Trust promotes low carbon technology and gives information on how to work out carbon emissions associated with energy use.

www.thecarbontrust.co.uk

The Energy Saving Trust provide advice on renewable energy, energy efficiency and conservation.

www.est.org.uk

Information on combined heat and power and community heating is available from the Combined Heat and Power Association.

www.chpa.co.uk

The National Energy Foundation gives information on energy conservation, energy efficiency and renewable energy technologies.

www.nef.org.uk

Waste Minimisation:

Kirklees Council Waste Management Design Guide for New Developments (www.kirklees.gov.uk/beta/planning-applications/pdf/waste-management-design-guide-new-developments.pdf)

The Building Research Establishment (BRE) has produced a practical guide for small builders to help them reduce waste and operate more sustainably.

<https://www.bresmartsite.com/sustainable-construction-methods/>

The Construction Industry Research Information (CIRIA) publishes guidance on various construction issues, including aggregate recycling.

www.ciria.org.uk

Flooding and Drainage:

Government guidance on flood resilient construction of new building.

<https://www.gov.uk/government/publications/flood-resilient-construction-of-new-buildings>

Calder Valley Strategic Flood Risk Assessment (SFRA):

https://www.calderdale.gov.uk/v2/sites/default/files/strategic-flood-risk-assessment_0.pdf