

**ROOFTOP
SOLAR POWER**



Kingspan Sherburn

Supporting Statement

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1.0 Introduction

- 1.1 This statement has been prepared to support the application for installing 21,186 solar PV modules onto the Widespan roofs of Kingspan Insulated Panels in Sherburn, Malton, North Yorkshire.
- 1.2 The Solar PV array will generate power for use within the Kingspan plant, with any surplus energy being fed back into the Northern Power Grid network. The proposal forms part of the Kingspan Group PLC's strategy to move towards a greener low carbon future.
- 1.3 The roof are to be used to install the PV array will be having extensive upgrades to ensure the building is capable of holding the PV. The only visible area would be the most south facing roof on the entire site (Widespan 0). All the other roofs are confined in behind this one.

2 Site Location & Description

- 2.1 Kingspan Insulated Panels is situated adjacent to the main link road between York and Scarborough (A64).
- 2.2 The Kingspan Insulated Panels Plant is situated on the left hand side of the road when travelling from York to Scarborough using the A64. The whole site is a large rectangle, with smaller rectangular buildings situated in the centre. The whole site is approximately 45.94 acres, with the buildings adding to approximately 52,000M². It is on these buildings where the PV system will be situated, and one array may be visible from the A64.

3 Proposals

- 3.1 It is proposed to mount a total of 21,186 PV modules across the 7 roofs at Kingspan Sherburn. Each roof will have a South facing in plain PV system, and an east / west facing system on the North slopes. The roof dimensions vary considerably as you can see from our planning drawings.
- 3.2 The Total area of all 7 roofs will be approximately 52,000M²
- 3.3 The majority of the roof in which the PV is situated will be completely covered in PV modules, with some exception where we have existing flues, vents and exhaust system penetrating.
- 3.4 The Arrays will mainly sit 10 modules wide (10.1M) by approximately 9 modules high (9.09M). This will repeat itself through the entire arrays, unless we run to the end of the building where these may get smaller. For more information, please take a look at the supported roof layout drawings.
- 3.5 The Solar modules will be orientated south facing and in plain with roof on an angle of 5 degrees, and on the north slopes it will be east / west at around 10 degrees. The highest point of the PV modules will be the centre area of the east / west system will be approximately 0.4M above the plain of the roof.

3.6 All dimensions for the building and arrays can be taken from the planning application supporting drawings.

3.7 The appearance of the Solar PV array will be 40mm thick, dark navy with a non-reflective coating. These will be angled at 5 degrees in plain with the south slope, and 10 degrees facing east / west on the north slopes. Examples of these can be found in the full planning application document.

3.8 We shall be installing a safety system upon the roof, to allow safe inspection throughout the design life of the PV system. The only way of accessing the roof will be via MEWP controlled by a trained operative.

4 Planning Policy – National Planning Policy Framework

4.1 This guidance was first published in March 2012 and replaces all previous planning guidance. The guidance promotes sustainable development and local planning authorities should have regard to this guidance when preparing development plans and determining planning applications.

4.2 Section 10 of the NPPF deals with "meeting the challenge of climate change, flooding and coastal change"

Local Planning Policies

4.3 The Local Plan strategy was adopted in September 2013. Policy SP 18 – Renewable and low carbon energy of the local plan strategy is relevant.

5 Planning Merits

5.1 By their very nature solar pv modules need to be sited in locations which can take full advantage of available sunlight and where there is no over shading from trees, hedgerows, flues and buildings. The area chosen to situate the modules, is the newly upgraded roof of Kingspan Insulated Panels.

5.2 It is considered that the array will not be widely visible, and will not cause any significant harm to and area of the landscape.

5.3 The proposal is in accordance with guidance contained in paragraph 98 of the NPPF and Policy SP18 of the local plan strategy, and there is no reason why planning permission should not be granted without delay.

6 Conclusion

6.1 The NPPF requires local planning authorities to support the move to a low carbon future

6.2 The proposals meet the criteria set out in Policy SP18 Renewable and Low Carbon Energy and as such should be permitted.



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