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Design and Access Statement

Proposed Single Wind Turbine at
Land at Huntroyde Home Farm, Huntroyde
West, Whins Lane, Simonstone, Burnley,
Lancashire

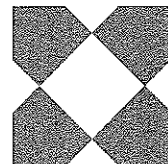
Prepared on behalf of Empirica Investments Ltd

Contact details

Knight Frank LLP, No.1 Marsden Street, Manchester M2 1HW

Richard Walters, +44 (0)161 833 7717, rich.walters@knightfrank.com

KF ref: RW/ds/146BN



Introduction

- 1.1 In accordance with Section 3 of Circular 01/2006, this Design and Access Statement has been produced to accompany a planning application submitted for a proposed 60.7m single wind turbine at Huntroyde Home Farm, Huntroyde West, Whins Lane, Simonstone, Burnley, Lancashire.

Design

Amount

- 1.2 The application seeks planning permission for the erection of a single wind turbine and associated works totalling approximately 0.34ha.

Use

- 1.3 The wind turbine will be used to produce natural, renewable, clean energy, which will feed into the national grid.

Layout

- 1.4 The application comprises an access route off an unnamed road that leads onto Whins Lane. Details of the layout are contained in the Access, Issues and Mitigation Statement, prepared by Carl Tonks, as part of the accompanying submission documents.

Scale

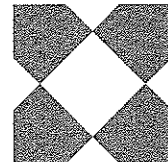
- 1.5 The proposed turbine will be 44m at hub height, 60.7m at tip height and have a rotor diameter of 33.4m (three bladed).

Landscaping

- 1.6 The turbine requires a reinforced concrete foundation and an area of hardstanding to support the crane for the erection of the turbine. Following construction, the areas of hardstanding will be partially reinstated by covering with previously excavated top soil and allowed to naturally regenerate.

Appearance

- 1.7 The turbine comprises a tapered tubular steel tower and three blades attached to a nacelle housing containing the operating equipment. The transformer turbine may either be contained inside the tower base within the nacelle or in a small external kiosk at the tower base.



Access

- 1.8 Erection of a wind turbine requires transport of various components to the construction site, some of which are available in a form which can be transported using normal heavy goods vehicles (HGV), whilst others are of a size and/or weight which require to be transported as Abnormal Indivisible Loads (AIL).
- 1.9 The site is to be accessed off an unnamed road that leads onto Whins Lane.
- 1.10 The proposed access track across the field would be constructed in Metdeck, a metal decking temporary road surface. At the end of the track there will be a temporary turning point and area of hard standing for a crane.
- 1.11 The construction period is anticipated to require access for a total of around 7 days (5 days by HGV and 2 days by AIL). Construction traffic will be routed to and from the proposed development site from the M65 motorway (Junction 8) and via A6068 and local rural roads.
- 1.12 Any issues arising out of the proposed erection of the turbine will be of only short duration and can be adequately mitigated by use of simple traffic management techniques. If necessary, appropriate mitigation can be provided by use of steel plates and/or mesh placed over the existing verges and adjacent ditches. This will permit a degree of over-running of the verges and ditches in safety and providing protection against damage of the highway.