



Blade Tip Zone of Theoretical Visibility (ZTV) Bare Earth

No of Blade Tips Theoretically Visible

- 1 - 7
- 8 - 14
- 15 - 21
- 22 - 28
- 29 - 34

PEIR Boundary

- Turbine Location
- Turbine Location 5 km Radii
- 45 km Study Area
- National Landscape Character Area
- 20 - Morecambe Bay Limestones
- 21 - Yorkshire Dales
- 22 - Pennine Dales Fringe
- 24 - Vale of Mowbray
- 28 - Vale of York
- 30 - Southern Magnesian Limestone
- 32 - Lancashire and Amounderness Plain
- 33 - Bowland Fringe and Pendle Hill
- 34 - Bowland Fells
- 35 - Lancashire Valleys
- 36 - Southern Pennines
- 37 - Yorkshire Southern Pennine Fringe
- 38 - Nottinghamshire, Derbyshire and Yorkshire Coalfield
- 39 - Humberhead Levels
- 51 - Dark Peak
- 54 - Manchester Pennine Fringe
- 55 - Manchester Conurbation
- 56 - Lancashire Coal Measures
- 58 - Merseyside Conurbation
- 60 - Mersey Valley

GENERAL NOTES:

- This drawing is to be read in conjunction with all engineer's, architect's or other relevant drawings and specifications.
- All dimensions and levels are subject to detailed design.
- All works to be carried out in compliance with the requirements of the relevant statutory authorities and regulations

Drawing Notes:

The site boundary is for indicative purposes only and requires confirmation on site.

Revision History

Rev	Date	By	Detail
01	16/02/2026	RH	First Issue

Copyright of Logika Group. Figured dimensions shall be taken in preference to scaling. The contractor shall check all dimensions on site before commencing work.

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This Zone of Theoretical Visibility (ZTV) has been generated using ESRI ArcGIS Spatial Analyst extension using the assumptions detailed in the infobox below. The digital terrain model (DTM) used is: OS Terrain 5 dataset (+/-2 m) up to 20km from turbine locations, OS Terrain 50 dataset (+/-10 m) outwith this.

The ZTV view height of 2 m above ground level is recommended by "Visual Representation of Windfarms" NatureScot February 2017 - Version 2.2.

The ZTV is generated from a bare earth terrain and does not account for the screening effect of features within the landscape such as settlements and woodland. The ZTV shows potential theoretical visibility only and is for informing 'on the ground' visual assessment.

Blade tip:	200m - 150m	Observer height:	2m
DTM:	OS T5/T50 DTM	Surface features:	Not included
DTM resolution:	10m	Earth curvature:	Included

Project/Location

Calderdale Energy Park

Drawing title

National Landscape Character Areas

Drawing status

PEIR

Date	Drawn	Checked
16/02/2026	RH	SM

Client

Consultant

Drawing number	Revision
Figure 12-2-1	01