



- Key
- Proposed turbine locations
 - Consented turbine locations
 - Landscape and Visual Study Area
 - Lines indicating the distance from the proposed turbines
 - Local authority boundaries
 - Combined zone of theoretical visibility of the Consented Development and the Proposed Development calculated to blade tip
 - Additional zone of theoretical visibility of the Proposed Development calculated to blade tip
 - Additional zone of theoretical visibility of the Consented Development calculated to blade tip

Notes: This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the proposed turbines using OS Terrain 50 data only and do not take account of any screening from vegetation or built-form. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth.

This figure has been based on the following parameters:

Proposed Development	
Turbine layout file:	LS36LORG2020019.WFL
Hub height:	125m
Rotor diameter:	150m
Height to blade tip:	200m

Consented Development	
Turbine layout file:	LLOG028.WFL
Hub height:	80m / 100m
Rotor diameter:	100m
Height to blade tip:	130m / 150m

0 2 4 6 8 10 12 14 16 18 20 km
Scale at A3: 1:360,000

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Figure 9.13
Comparative ZTV of the Consented and Proposed Developments calculated to blade tip (45km)

C:\Users\ca11yn\Documents\Temp\Windfarm\Long\SS6\ArcGIS\2022\MXD\Figure 9.13_Compare BT 32064-G05669-R1.mxd - Originator: brycc