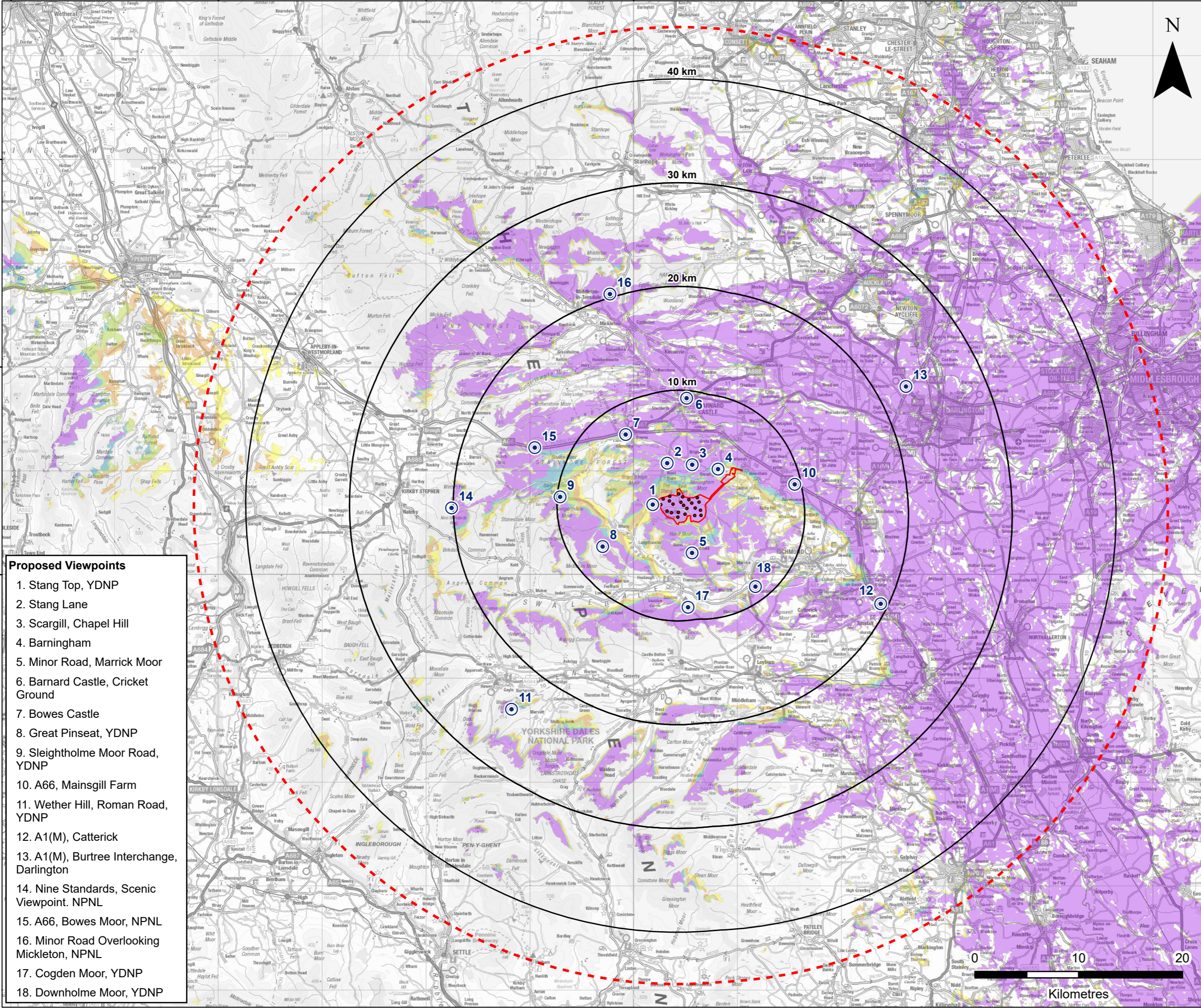


Please note this map has been produced as part of the development of the Hope Moor Wind Farm Scoping Report.
The Scoping Report will be submitted to the Planning Inspectorate as soon as possible in the coming weeks and be uploaded to the website.
Please sign up for updates if you wish to be notified when this happens.



LEGEND

- Scoping Boundary
- Proposed Turbine Location
- Proposed Turbine Location 10 km Interval Buffer
- Proposed Turbine Location 45 km Study Area
- Proposed Viewpoint

Blade Tip Zone of Theoretical Visibility (ZTV) Bare Earth

Number of Blade Tips Theoretically Visible

- 1 - 4
- 5 - 9
- 10 - 15
- 16 - 20
- 21 - 23

This Zone of Theoretical Visibility (ZTV) has been generated using ESRI ArcGIS Spatial Analyst extension using the assumptions detailed in the info box below. The Digital Terrain Model (DTM) has the following accuracy: OS Terrain 5 dataset (+/- 2 m) up to 30 km from turbine locations and OS Terrain 50 dataset (+/- 10 m) up to 60 km from turbine locations. The ZTV view height of 2 m above ground level is recommended by "Visual Representation of Windfarms" by 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:	200 m	Observer height:	2 m
DTM:	OS Terrain 5 and 50	Surface features:	Excluded
DTM resolution:	10 m	Earth curvature:	Included

Proposed Viewpoints

1. Stang Top, YDNP
2. Stang Lane
3. Scargill, Chapel Hill
4. Barningham
5. Minor Road, Marrick Moor
6. Barnard Castle, Cricket Ground
7. Bowes Castle
8. Great Pinseat, YDNP
9. Sleightholme Moor Road, YDNP
10. A66, Mainsgill Farm
11. Wether Hill, Roman Road, YDNP
12. A1(M), Catterick
13. A1(M), Burtree Interchange, Darlington
14. Nine Standards, Scenic Viewpoint. NPNL
15. A66, Bowes Moor, NPNL
16. Minor Road Overlooking Mickleton, NPNL
17. Cogden Moor, YDNP
18. Downholme Moor, YDNP



Fred.Olsen Renewables

HOPE MOOR Wind Farm

HOPE MOOR WIND FARM
SCOPING REPORT
LANDSCAPE AND VISUAL

BLADE TIP ZONE OF THEORETICAL VISIBILITY (ZTV) BARE EARTH

FIGURE 5.2

Scale 1:350,000 @ A3 Date MAY 2026