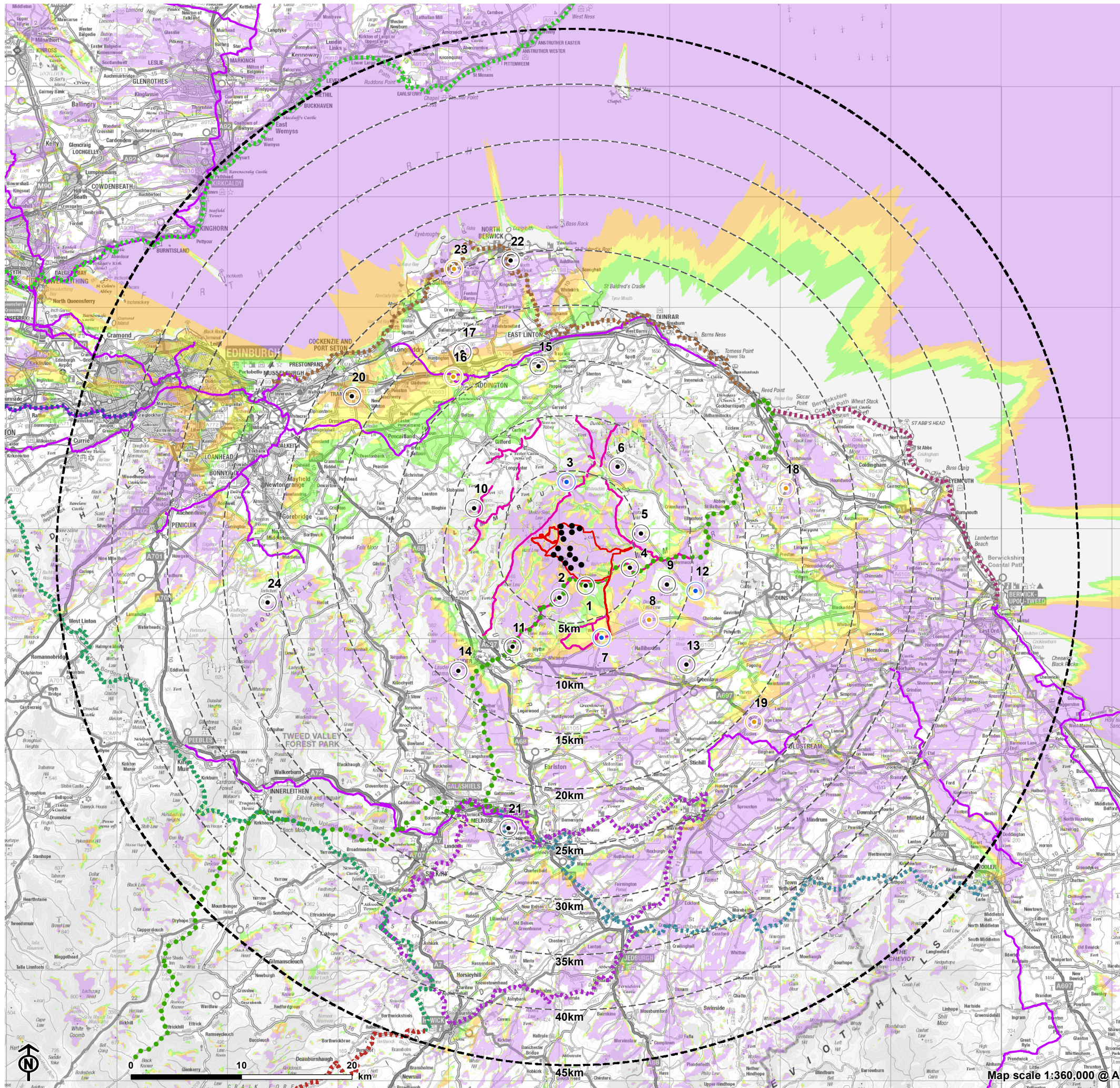


Figure 4.1.2a: Blade Tip Height (220m) Zone of Theoretical Visibility (ZTV) and Viewpoint Locations



- Turbine
- ▭ Site Boundary
- 5km intervals from outermost turbines
- LVIA study area 45km from outermost turbines

Access routes

- Core path (within 10km)
- National Cycle Network (NCN)

Long distance path

- Berwickshire Coastal Path
- Borders Abbeys Way
- Cross Borders Drive Road
- Fife Coastal Path
- Forth Clyde Canal/Union Canal Towpath
- John Muir Way
- Romans and Reivers Route
- Southern Upland Way
- St Cuthbert's Way

Theoretical blade tip visibility (220m)

- 1-4 turbines visible
- 5-8 turbines visible
- 9-12 turbines visible
- 13-15 turbines visible

● Viewpoint

- | | |
|---|---------------------------------|
| 1: Twin Law Cairns | 12: Minor road near Hen Law* |
| 2: Nun Rig, Southern Upland Way | 13: A6015 near Greenlaw |
| 3: Minor road near Wanside Rig junction* | 14: B6362 above Lauder |
| 4: Watch Water Reservoir, Southern Upland Way | 15: Traprain Law |
| 5: Minor road near Wrunk Law | 16: Park Lane, Haddington** |
| 6: Spartleton Hill | 17: Barney Hill, Garleton Hills |
| 7: B6456, Westruther* | 18: A6112 near Fawcett Wood** |
| 8: B6456 near Bedshiel** | 19: A697 near Coldstream** |
| 9: Dirrinton Great Law | 20: B6371, Tranent |
| 10: Lammer Law | 21: Eildon North Hill |
| 11: Edgarhope Wood, Southern Upland Way | 22: North Berwick Law |
| | 23: A198, Dirleton** |
| | 24: Torfichen Hill |

Notes:

Night viewpoints shown in blue
 Wireline viewpoints shown in orange
 The ZTV is calculated to turbine tip height (220m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in 2023). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1 software.