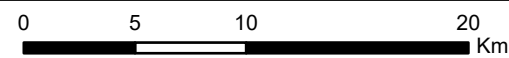


- Site Boundary
- Turbine
- 5 km Interval from Outermost Turbines
- 45 km LVIA Study Area
- Comparative Zone of Theoretical Visibility**
 - Turbine Blade Tips Visible
 - Both Turbine Blade Tips and Hubs Visible
- Viewpoint

- | | |
|---|----------------------------------|
| VP1: Colt Hill, Striding Arch | VP11: Cairnkinna Hill |
| VP2: Bail Hill, Striding Arch | VP12: Blackcraig Hill |
| VP3: Cairnhead, Striding Arch | VP13: A702, Shinnel Water Valley |
| VP4: Shinnelhead | VP14: Cairnsmore of Carsphairn |
| VP5: High Appin | VP15: Crawick Multiverse |
| VP6: Benbrack, Striding Arch | VP16: A713, near Stroangassel |
| VP7: Shinnel Water Valley near Craigencon | VP17: A76, south of Closeburn |
| VP8: SUW near Cloud Hill | VP18: Durisdeer Rig |
| VP9: Moniaive | VP19: East Mount Lowther |
| VP10: Auchengibbert Hill | VP20: Cairn Table |

Note:
The ZTV is calculated to turbine tip height (200 m) and hub height (119 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 5 height data. Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.4.0 software.



Source: LUC, Pell Frischmann, OS

Produced By: HD	Date: 08/04/2025
Checked By: NE	Ref: 11634_EIA_LVIA
Version: 00	

Figure 5.4
Blade Tip Height (200 m) and Hub Height (119 m) Comparative Zone of Theoretical Visibility (ZTV) and Viewpoint Locations