

>> Landscape & ZTV

Zone of Theoretical Visibility (ZTV)

A ZTV figure can be found displayed on the table adjacent to this board.

As part of our landscape and visual assessment, we follow industry standard guidance produced by The Highland Council and NatureScot to present a robust assessment of the likely significant effects which may arise as part of the proposed development.

This drawing is intended to demonstrate the theoretical visual impact Ballach will have on the surrounding area, highlighting all locations within a 45km radius of the proposed development that it would be theoretically possible to view the turbines.

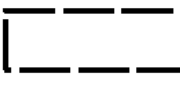
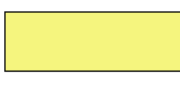
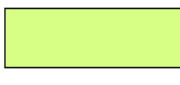
It is important to note that there are limitations to a ZTV as the theoretical view analysis does not account for forestry and the built environment.

Understanding a ZTV Drawing

As stated in the adjacent key the four colours displayed within the 45km zone represent the number of turbines that are theoretically visible.

The brown circles represent all the proposed viewpoints that are to be included in the EIA, a selection of wireline visualisations modelled from these view points can be found displayed alongside the ZTV.

During the initial site selection process, the site of Ballach was noted for its well screened position from the local landform. The site has since been designed and developed with this as a constant consideration - designed to respect populated areas to east and wild land to the west. With this in mind, the following locations have been selected as viewpoint locations within the LVIA:

-  Proposed turbine locations
-  Lines indicating the distance from the proposed turbines
-  1-5 turbines may be theoretically visible
-  6-10 turbines may be theoretically visible
-  11-15 turbines may be theoretically visible
-  16-20 turbines may be theoretically visible
-  LVIA Viewpoint Locations

1. Core Path RC30.01 to Orrin Dam	2. Torgormack / Drumindorsair	3. Fairburn Estate
4. Beinn a' Bha'ach Àrd	5. Struy (A831)	6. Beauly
7. Muir of Ord (A832)	8. Contin (A835)	9. Kiltarlity
10. Jamestown	11. Balvaird / Newmore	12. A835 / B9169
13. A832 west of Tore	14. Great Glen Way near Ladycairn	15. Heights of Brae
16. Sgùrr a' Choire Ghlais	17. Meall a 'Mhadaibh	18. Knockbain / Torgorm
19. A9 Cromarty Firth	20. Ben Wyvis	21. A9 Kessock Bridge
22. A96, Alturlie Junction	23. Cnoc Fyrish	24. B817, Alness
25. Chanonry Point	26. Invergordon	27. A862 Clacnaharry

The surrounding cumulative developments within the landscape study area are also displayed on the map displayed here, however, it is important to note that not all sites displayed here will progress to a full application or receive consent.

The proposed development has been designed to in keep with the environment. The site is designed with varying tip heights of 200m and 230m, this has been utilised alongside turbine positioning in a sloping landscape (moving turbines to lower elevations to reduce the overall visual height) to align, as far as reasonably possible, the turbine tip heights of Ballach with surrounding developments of Fairburn, the proposed Fairburn Extension and help screen views of the development from wider views.

