FEHILY TIMONEY

CONSULTANTS IN ENGINEERING,
ENVIRONMENTAL SCIENCE
& PLANNING

APPENDIX 8.2

Associated Mapping

ZTV indicating the cumulative theoretical visibility of the proposed Barnadivane Wind Farm in combination with all other wind farms in the study area

Proposed Turbines

Existing Turbines

Permitted Turbines

Wind Farm Visibility

43.4%	*Visibility of existing or permitted turbines only*
44.8%	*Visibility of proposed turbines as well as existing or permitted turbines*
1%	*Visibility of proposed turbines only*

10.8% of the entire study area to 20km will not have any view of the turbine blades of the proposed Wind Farm or that of any existing or permitted wind farms

20km Extent

This ZTV map has been calculated such that a turbine registrers as been theoretically visible to observers in the surrounding landscape once there is an unobstructed line of sight to its blade tip.

Observer Height assumed: 1.7m to eye-level height
Blade Tip Heights: Variable

Note: This ZTV map is calculated for landform screening only and does not take account of the significant screening effects of vegetation (hedgerows, trees) and buildings inherent across the study area.

Scale: 1 : 50,000 if printed @ A0 size

macroworks

ZTV (Zone of Theoretical Visibility) indicating the areas that have a potential view of the proposed turbines at Barnadivane Wind Farm (Tip Height 131m)

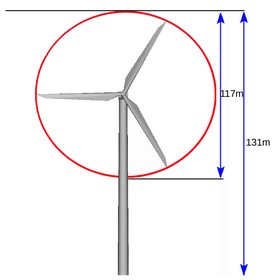
Proposed Turbines

★

No. Turbines Visible

- 1 - 2
- 3 - 4
- 5 - 6

20km Extent



This ZTV map is based on the potential to see any part of the proposed turbine/s from the tip to base in a theoretical bare-ground scenario i.e. without accounting for screening by vegetation and/or buildings.

Observer Height assumed: 1.7m to eye-level height
Tip Height: 131m

Scale: 1:50,000 if printed @ A0 size

macroworks

ZTV (Zone of Theoretical Visibility) indicating the areas that have a potential view of the proposed turbines at Barnadivane Wind Farm (Half Blade Height 101.75m)

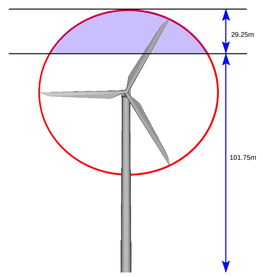
Proposed Turbines

★

No. Turbines Visible

- 1 - 2
- 3 - 4
- 5 - 6

20km Extent



This ZTV map is based on the potential to see any part of the proposed turbine/s from the half blade to base in a theoretical bare-ground scenario i.e. without accounting for screening by vegetation and/or buildings.

Observer Height assumed: 1.7m to eye-level height
Half Blade Height: 101.75m

Scale: 1:50,000 if printed @ A0 size

macroworks