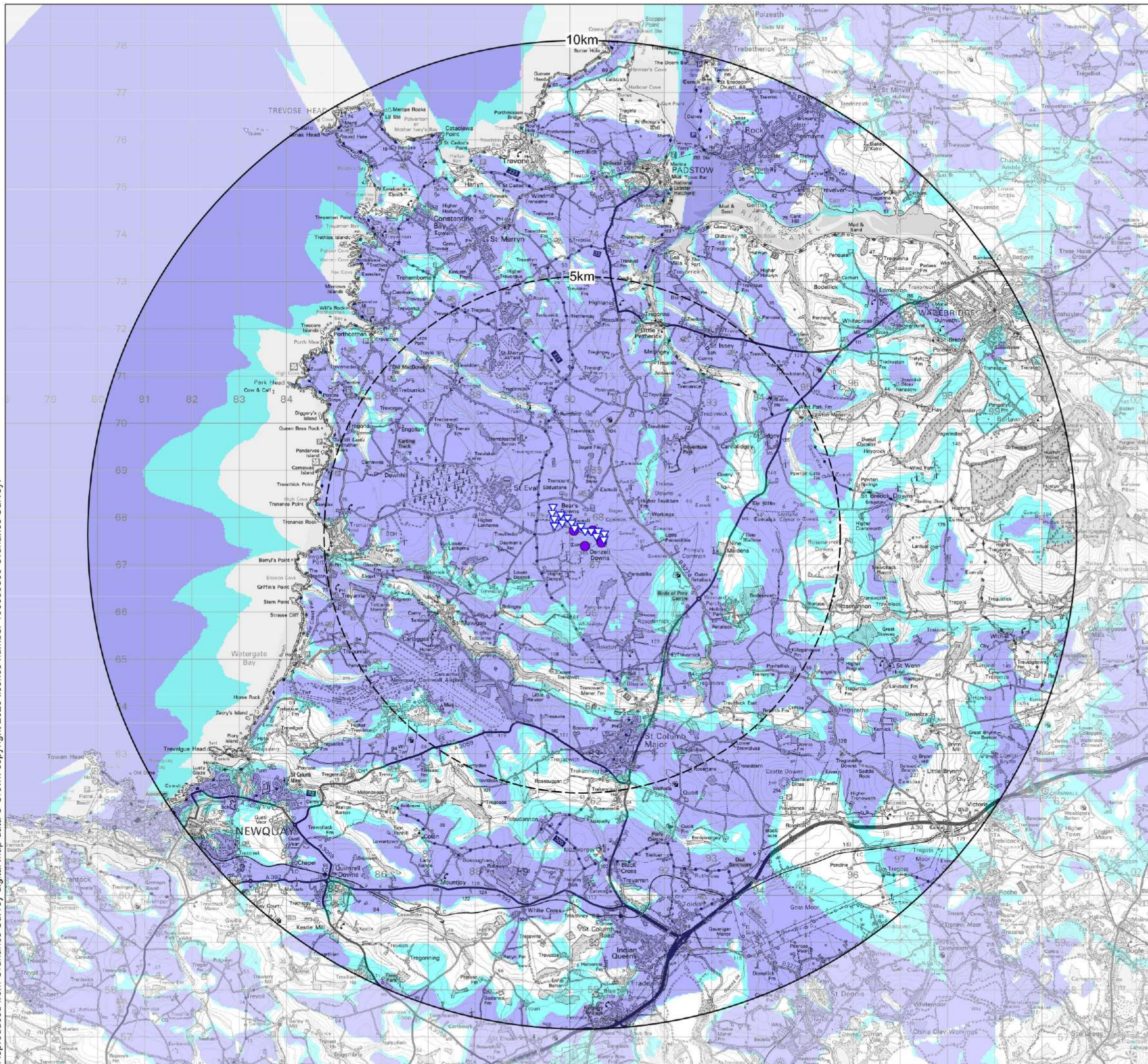




Key

-  Proposed Repowering Wind Turbines
-  Existing Wind Turbines
-  Study Area (10km radius)

Zone of Theoretical Visibility (ZTV) to Blade Tip

-  Only Proposed Repowering Wind Turbines theoretically visible
-  Both Existing Wind Turbines and Proposed Repowering Wind Turbines theoretically visible

Note:

The ZTV illustrates an area of theoretical visibility of any part of the wind turbines, calculated to blade tip height of 150m for the Proposed Repowering Wind Turbines and to a blade tip height of 57m for the Existing Wind Turbines.

The ZTV is based on landform data only, with any ridgelines, plateaus and valleys reflected in the extent of predicted visibility.

The ZTV represents a 'worse-case' scenario with regard to the visibility of the Existing Wind Turbines and the Proposed Repowering Wind Turbines.

The ZTV was calculated using Resoft Windfarm software on Ordnance Survey (OS) raster tiles of 1:50,000 scale and Ordnance Survey "OSTerrain50" height data.

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Scale 1:80,000 @ A3

0 2 4km



Drawn : PS

Checked : AJW

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Zone of Theoretical Visibility (ZTV) Comparison to Blade Tip - Existing vs Proposed Figure 28

Bears Down Repowering



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