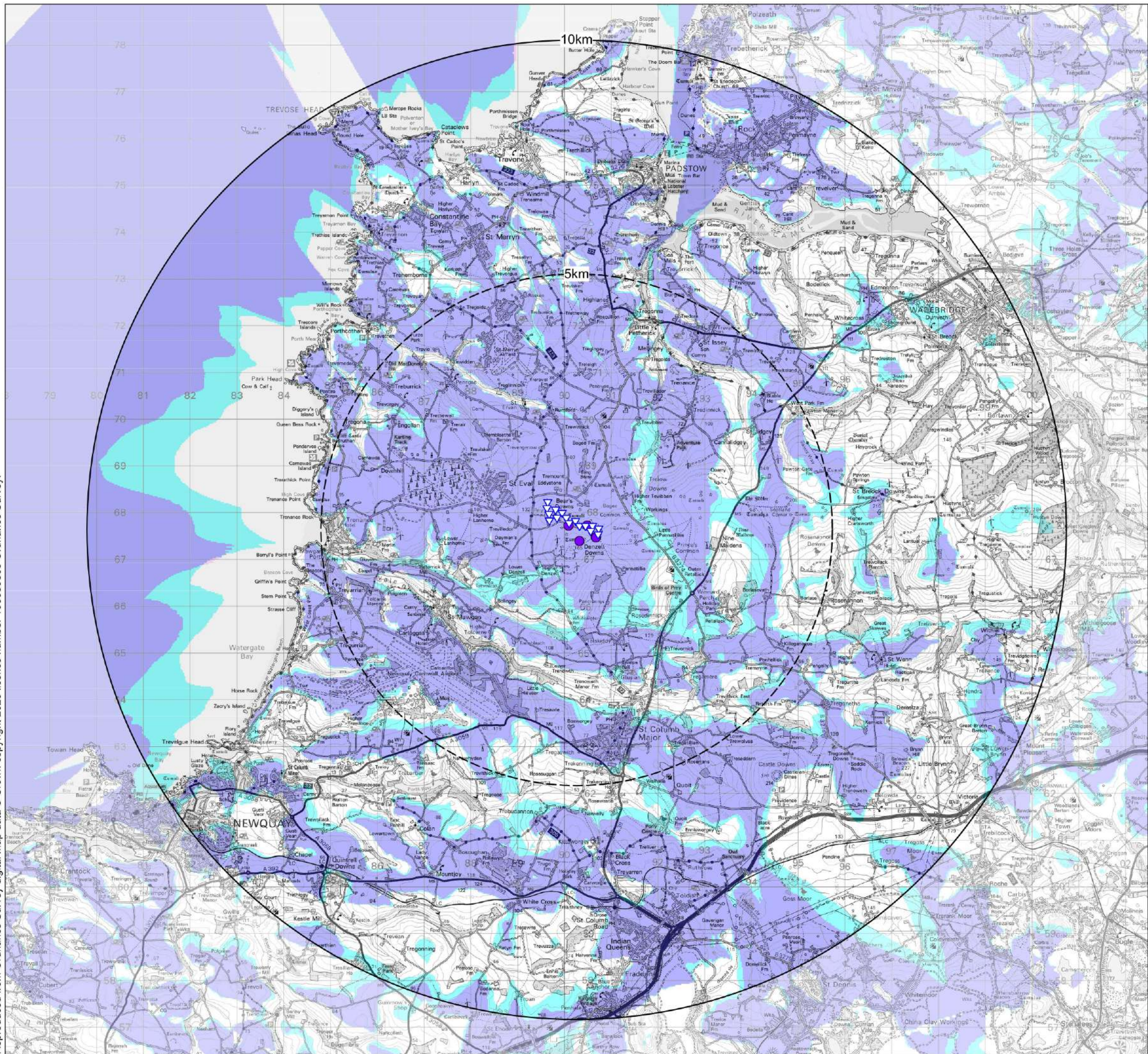




Key



Proposed Repowering Wind Turbines



Existing Wind Turbines



Study Area (10km radius)

Zone of Theoretical Visibility (ZTV) to Hub



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 hub height of 82m for the Proposed Repowering Wind Turbines and to a hub height of 35m 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



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Zone of Theoretical Visibility (ZTV)
Comparison to Hub - Existing vs Proposed
Figure 27

Bears Down Repowering



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