

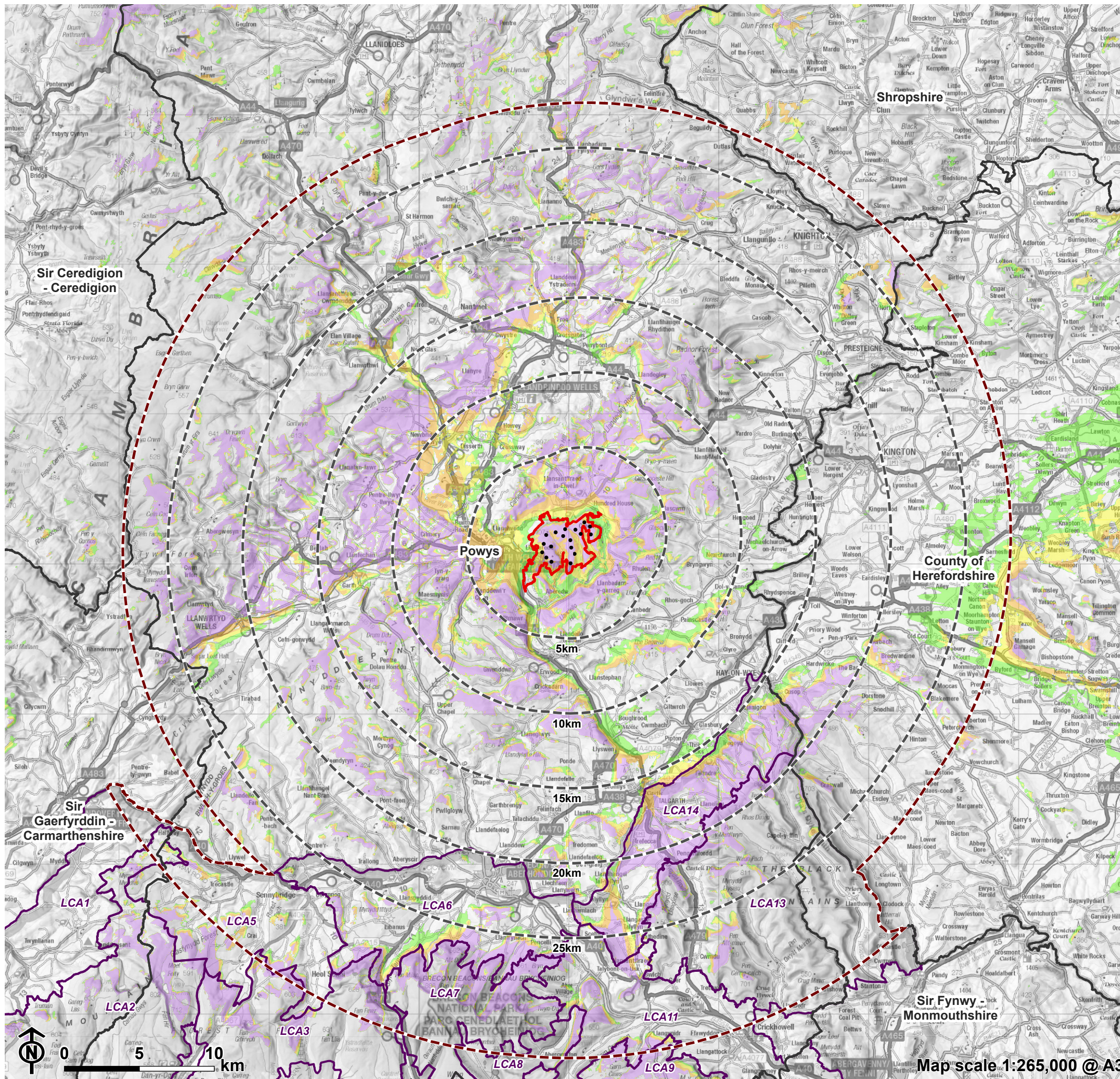


Figure 5.10b: Landscape Units - Bannau Brycheiniog National Park Landscape Character Areas (LCAs) and Blade Tip Height Zone of Theoretical Visibility within Full Study Area

LVIA Study Area

Application boundary

Turbine

Turbine buffers - 5km interval

Local authority boundary

Background ZTV to Tip Height (200m)

1-5 Turbines visible

6-10 Turbines visible

11-15 Turbines visible

17 - 18 Turbines visible

Bannau Brycheiniog National Park Local Landscape Character Area

LCA1: Towy Valley Foothills

LCA2: Y Mynydd Du (the Black Mountain)

LCA3: Fforest Fawr

LCA5: Western Usk Tributaries

LCA6: Middle Usk Valleys

LCA7: Central Beacons

LCA8: Talybont and Taff Reservoir Valleys

LCA9: Mynyddoedd Llangatwg and Llangynidr

LCA11: Eastern Usk Valley

LCA13: The Black Mountains

LCA14: Wye Valley Foothills

Notes
The study area within the BBNP extends to 33 km so that the summits of Pen y Fan, Corn Du, Cribyn and Fan y Big are considered in the LVIA, as requested by NRW.

The ZTV is calculated to turbine tip height (200m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from 1m LiDAR height data (obtained from the Welsh Government and Environment Agency in September 2024). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.4.0 software.

Contains © Bannau Brycheiniog National Park copyright 2025. Contains Ordnance Survey data © Crown copyright and database right 2025

Bute Energy
Aberedw Energy Park

© Crown copyright and database rights 2025 Ordnance Survey AC0000808122.
Contains Welsh Government and Environment Agency data © Crown copyright and database right 2025

12522_EIA_Chapter_5_Part1/12522_Fig_5_10b_r0_BBNP_LCA_ZTV_A3L 27/06/2025