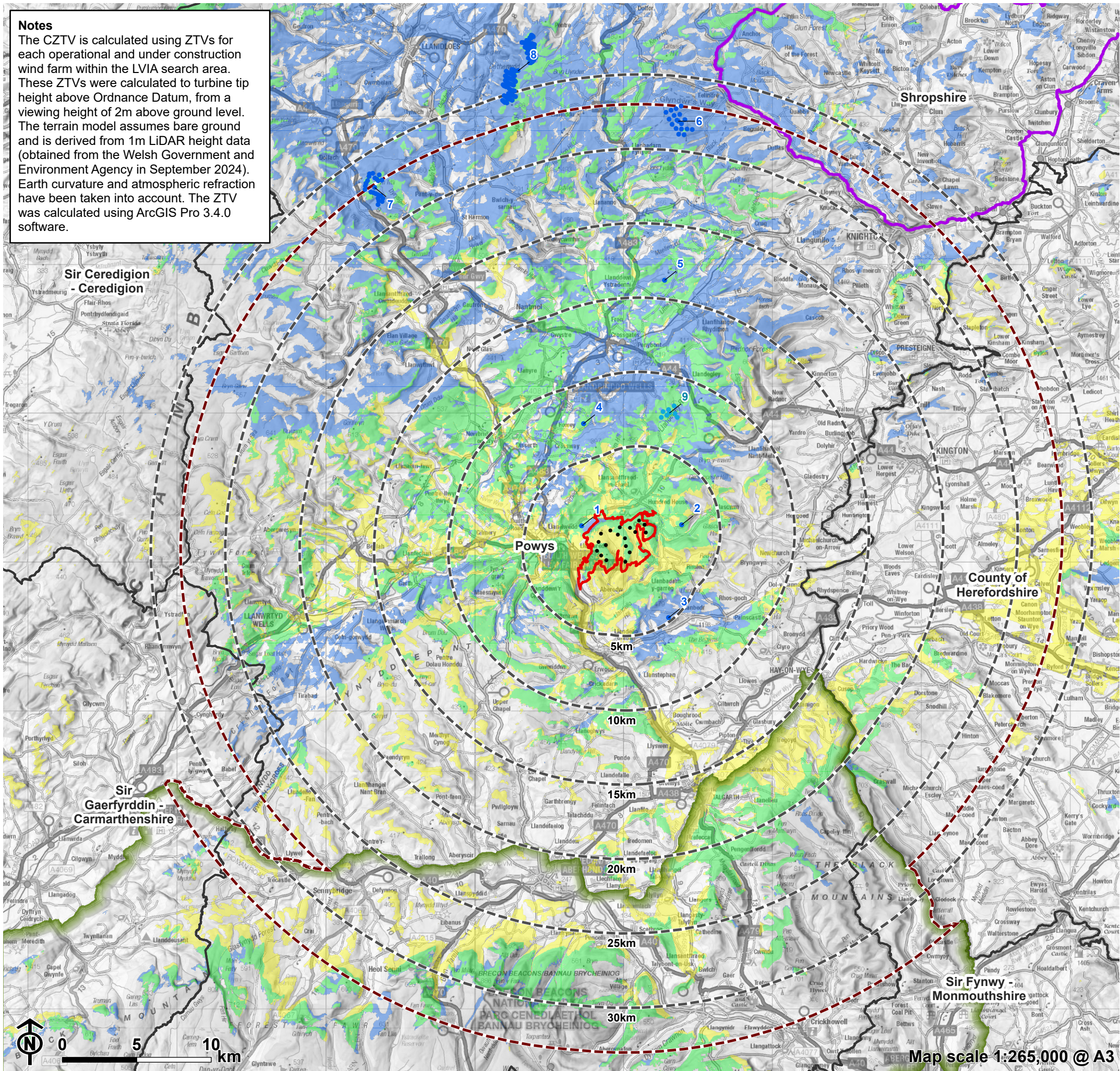




Notes
The CZTV is calculated using ZTVs for each operational and under construction wind farm within the LVIA search area. These ZTVs were calculated to turbine tip height above Ordnance Datum, from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from 1m 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.

Aberedw Energy Park
Aberedw Energy Park Ltd



Figure 5.20: Cumulative Zone of Theoretical Visibility (CZTV) - Operational / Under Construction Wind Farms and Aberedw Energy Park

- LVIA Study Area
- Application boundary
- Turbine
- Turbine buffers - 5km interval
- Local authority boundary
- Shropshire Hills National Landscape
- Bannau Brycheiniog / Brecon Beacons National Park

Wind Farm Status

- Operational
- Under Construction

Operational

- 1: Tremaen
- 2: Penllanerch
- 3: Upper Pengarth
- 4: Ty Gwyn Farm (Powys)
- 5: Cefncynfal
- 6: Garreg Lwyd Hill
- 7: Bryn Titli
- 8: Llandinam

Under Construction

- 9: Hendy

Theoretical wind energy development visibility

- Only one or more of the operational and under construction schemes are visible
- Only Aberedw is visible
- Both Aberedw and one or more of the operational and under construction schemes are visible

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.

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