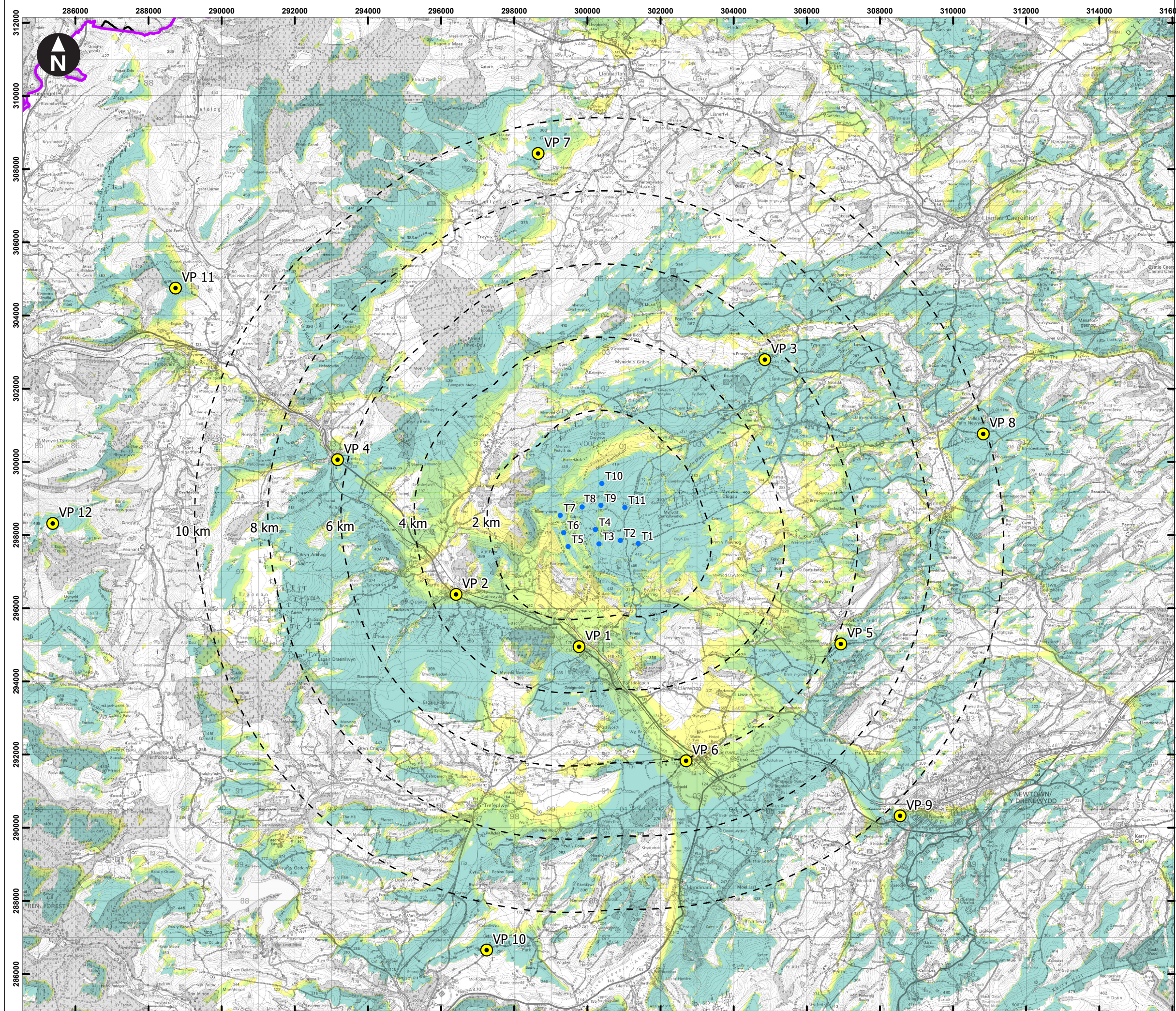


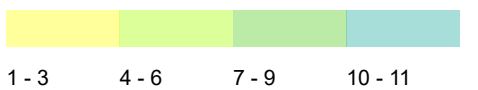
\\Corpuk\Cloud\UK-GIS01\data\62282400 - Calon y Gwynt Energy Park EIA\GIS\APR\XIEIA Report\Figure 7.4 - Detailed Zone of Theoretical Visibility (ZTV) to Blade Tip with Viewpoint Locations.aprx Originator: UKMAL004



Legend

- Proposed Turbine Locations
- Distance from the Proposed Turbines
- Local Authority Boundaries
- Eryri National Park

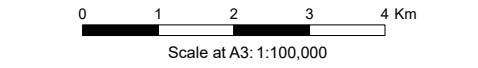
Zone of Theoretical Visibility (ZTV)
Number of turbines that may be theoretically visible



- Viewpoint Locations
- VP 1 - A470, CLATTER
 - VP 2 - A470, CARNO
 - VP 3 - CEFN COCH
 - VP 4 - A489, EAST OF TALERDDIG
 - VP 5 - SEVERN WAY, SOUTH OF BWLCH-Y-FFRIDD
 - VP 6 - B4569, WESTERN EDGE OF CAERSWS
 - VP 7 - GLYNDWR'S WAY, NORTH OF MOELDDOLWN
 - VP 8 - MINOR ROAD, EAST OF NEW MILLS
 - VP 9 - LLANIDLOES ROAD, NEWTOWN
 - VP 10 - SUSTRANS NCR81 AND SEVERN WAY
 - VP 11 - GLYNDWR'S WAY, NORTH OF LLANBRYNMAIR
 - VP 12 - CAMBRIAN WAY, WEST OF BONT DOLGADFAN

ZTV Note:
1) This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV).
2) The areas shown indicate the maximum theoretical visibility of the proposed turbines using 5 m digital terrain model (DTM) data which does not take into account natural and human made structures such as vegetation and buildings. This presents a worst-case scenario.
4) Earth curvature and atmospheric refraction have been taken into account.

The figure has been based on the following parameters:
Blade Tip Height: 180 - 200 m
Viewer Height: 1.6 m



Scale at A3: 1:100,000
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Client

Calon Y Gwynt Energy Park
Environmental Impact Assessment
Chapter 7

Figure 7.4
Detailed Zone of Theoretical Visibility (ZTV) to Blade Tip with Viewpoint Locations