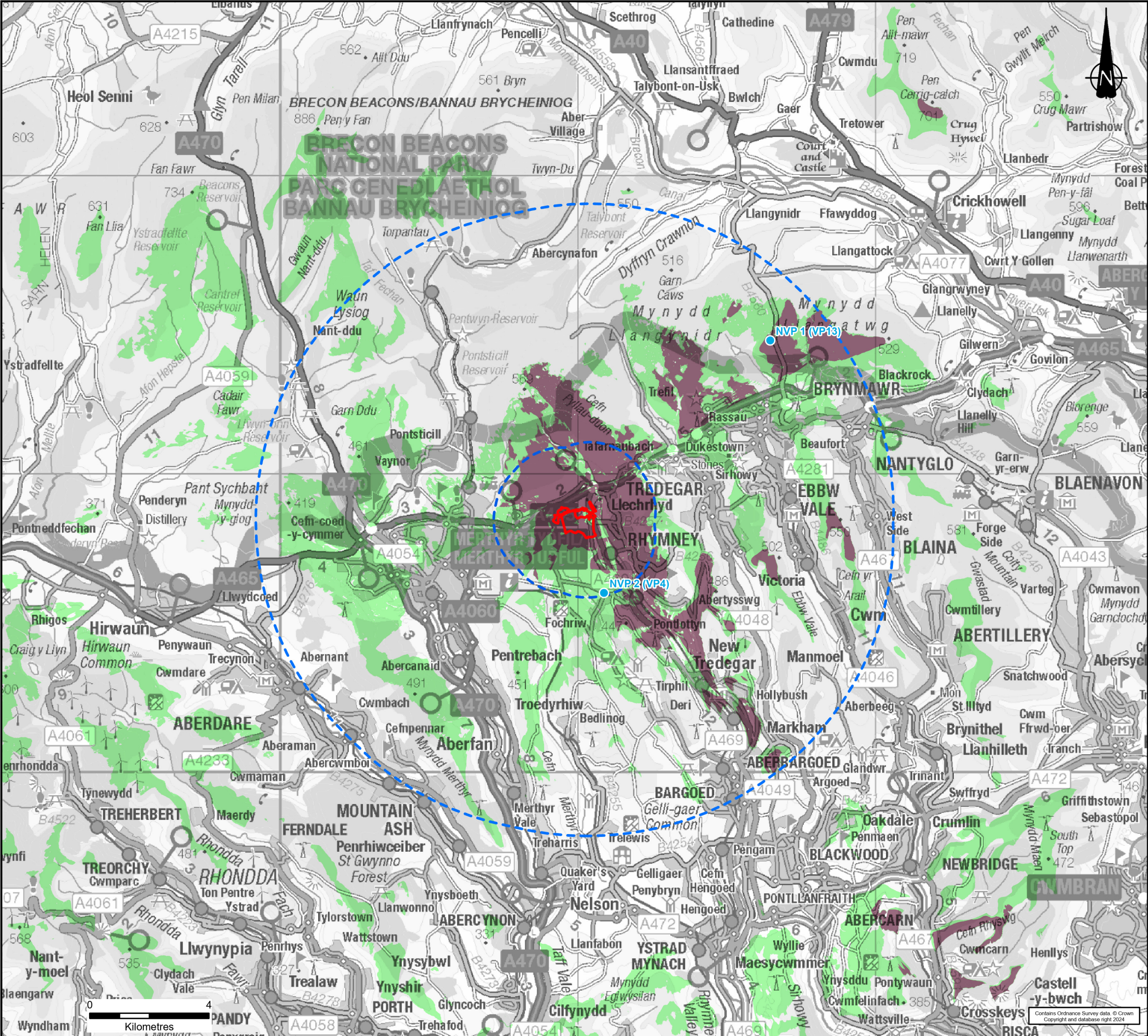




KEY

Site Boundary

2 and 10 km Buffer

Area where the turbine blade tips would be theoretically visible

Area where both the turbine blade and solar array areas would be theoretically visible

Nighttime Viewpoints (NVP)

Notes:

Boundaries are indicative.

The ZTV is based on a multi point grid within the solar array area. Each point is 3 m above modelled ground level. The turbine locations have been modelled at a height of 150 m (to replicate blade tip height). The ZTV runs to an extent of 45 km.

Environment Agency LiDAR DTM was used to create the model from which the ZTV was produced.

The ZTV takes into account an eye height of 2 m.

The ZTV was created using QGIS Software which takes into account the curvature of the Earth.

REVISION	DETAILS	DATE	DRAWN	CHKD	APPD
CLIENT					
convatec — forever caring —					
PROJECT					
CONVATEC GREEN MANUFACTURING HUB, RHYMNEY					
DRAWING TITLE					
ZONE OF THEORETICAL VISIBILITY (BARE GROUND 10 KM STUDY AREA) WITH NIGHTTIME VIEWPOINTS					
DRG No.		BR10167/043		REV	P01
DRG SIZE		A3		SCALE	1:125,000
DRAWN BY		SRW		DATE	06/03/2024
				SUIT. CODE	--
				APPROVED BY	--
wardell armstrong					