

**Legend**

- Site Boundary
- 5km turbine buffer interval
- 20km turbine buffer
- Garn Fach turbine location

**LANDMAP - Visual & Sensory**


**Overall Evaluation**

- Outstanding
- High
- Moderate
- Low

**LUC**

SCALE 1:175,000 (A3)

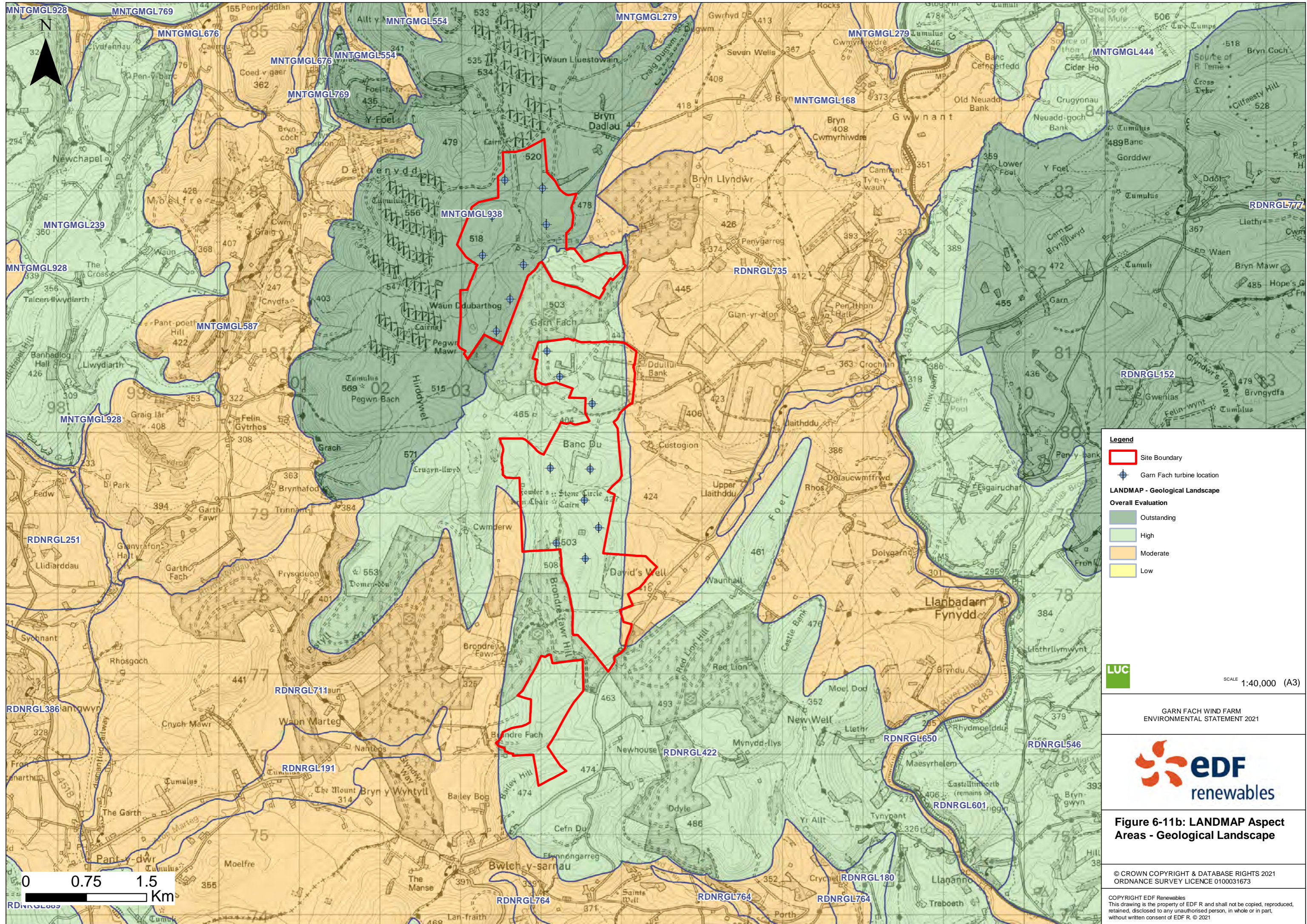
GARN FACH WIND FARM  
ENVIRONMENTAL STATEMENT 2021



**Figure 6-11a: LANDMAP Aspect Areas - Visual and Sensory**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021



**Legend**

- Site Boundary
- + Garn Fach turbine location

**LANDMAP - Geological Landscape**

**Overall Evaluation**

- Outstanding
- High
- Moderate
- Low

**LUC** SCALE 1:40,000 (A3)

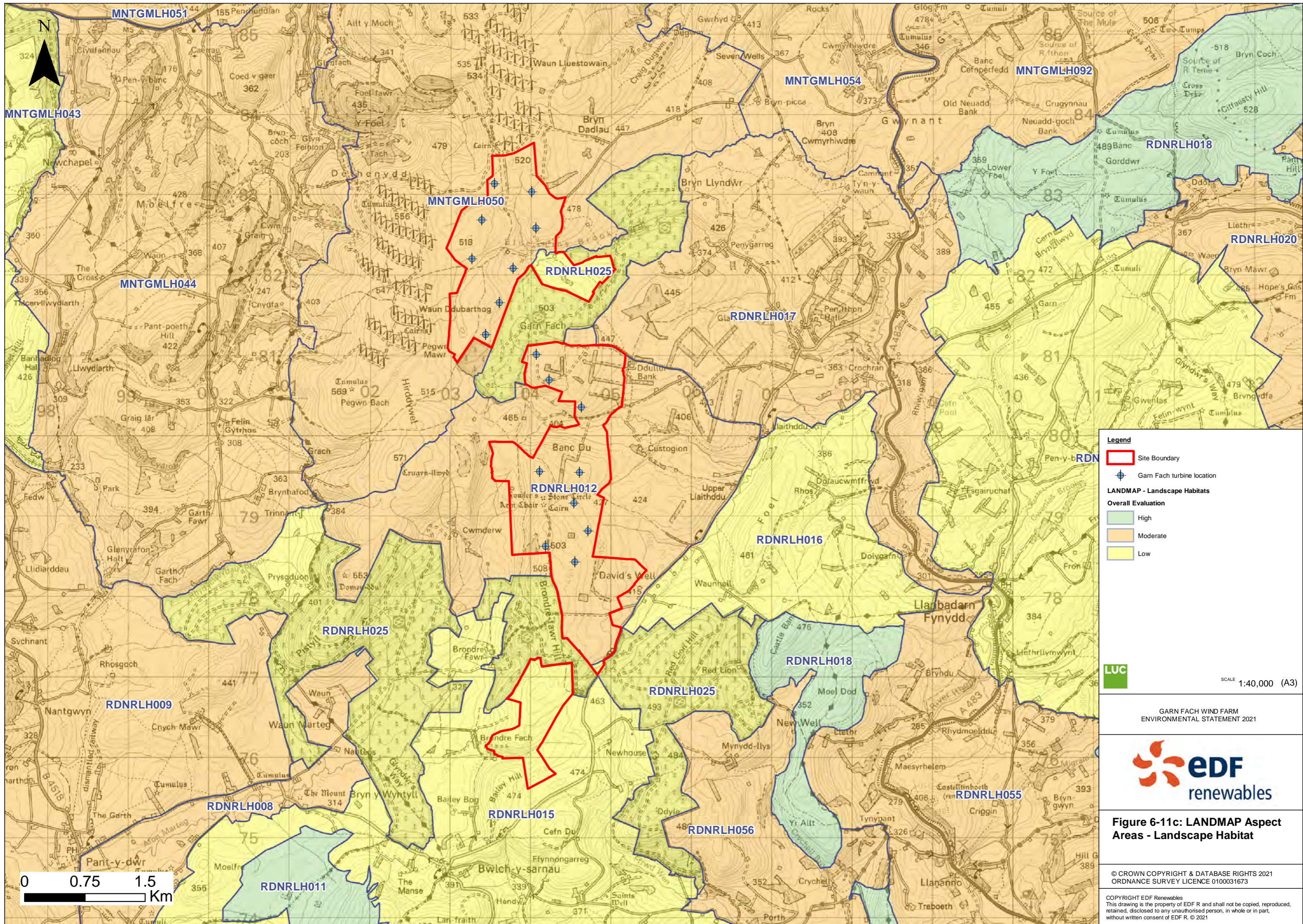
GARN FACH WIND FARM ENVIRONMENTAL STATEMENT 2021



**Figure 6-11b: LANDMAP Aspect Areas - Geological Landscape**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
 ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
 This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021



**Legend**

- Site Boundary
- + Garn Fach turbine location

**LANDMAP - Landscape Habitats**

**Overall Evaluation**

- High
- Moderate
- Low

**LUC**

SCALE 1:40,000 (A3)

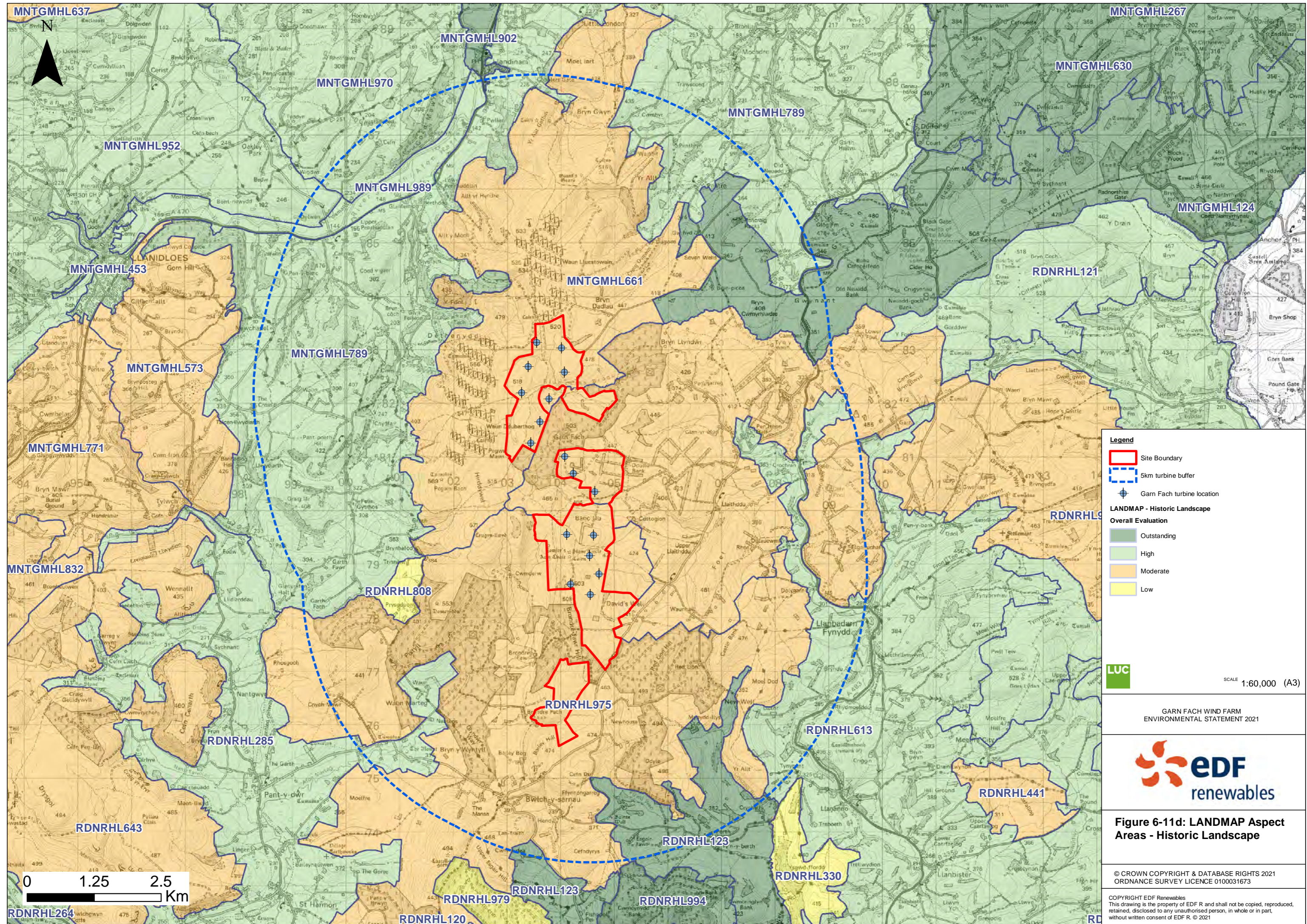
GARN FACH WIND FARM  
ENVIRONMENTAL STATEMENT 2021



**Figure 6-11c: LANDMAP Aspect Areas - Landscape Habitat**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021



- Legend**
- Site Boundary
  - 5km turbine buffer
  - + Garn Fach turbine location
- LANDMAP - Historic Landscape**
- Overall Evaluation**
- Outstanding
  - High
  - Moderate
  - Low

**LUC** SCALE 1:60,000 (A3)

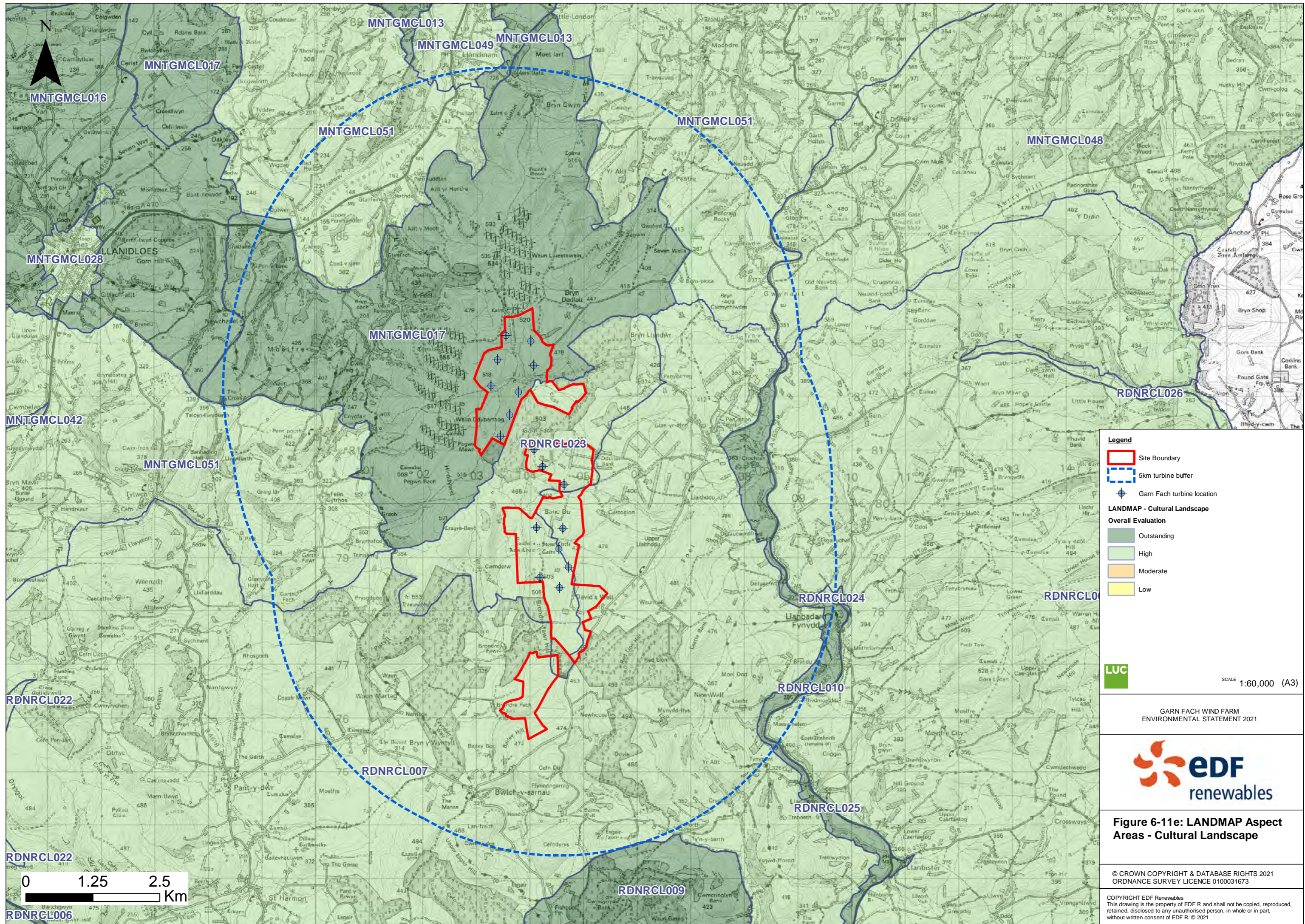
GARN FACH WIND FARM ENVIRONMENTAL STATEMENT 2021



**Figure 6-11d: LANDMAP Aspect Areas - Historic Landscape**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021



**Legend**

- Site Boundary
- 5km turbine buffer
- Garn Fach turbine location

**LANDMAP - Cultural Landscape**

**Overall Evaluation**

- Outstanding
- High
- Moderate
- Low

**LUC**

SCALE 1:60,000 (A3)

GARN FACH WIND FARM ENVIRONMENTAL STATEMENT 2021



**Figure 6-11e: LANDMAP Aspect Areas - Cultural Landscape**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
 ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
 This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021



Note: The ZTV is calculated to turbine hub height (83.5m) from a viewing height of 2m above ground level.

The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.

**Legend**

- Site Boundary
- 5km turbine buffer intervals
- Garn Fach turbine location

**LANDMAP - Visual & Sensory Aspect Area (VSA)**

- VSA scoped in for further assessment as 'landscape unit'
- VSA scoped out from further assessment

**Background ZTV to Tip (149.9m)**

- 1 - 6 Turbines Visible
- 7 - 12 Turbines Visible
- 13 - 17 Turbines Visible

**LUC**

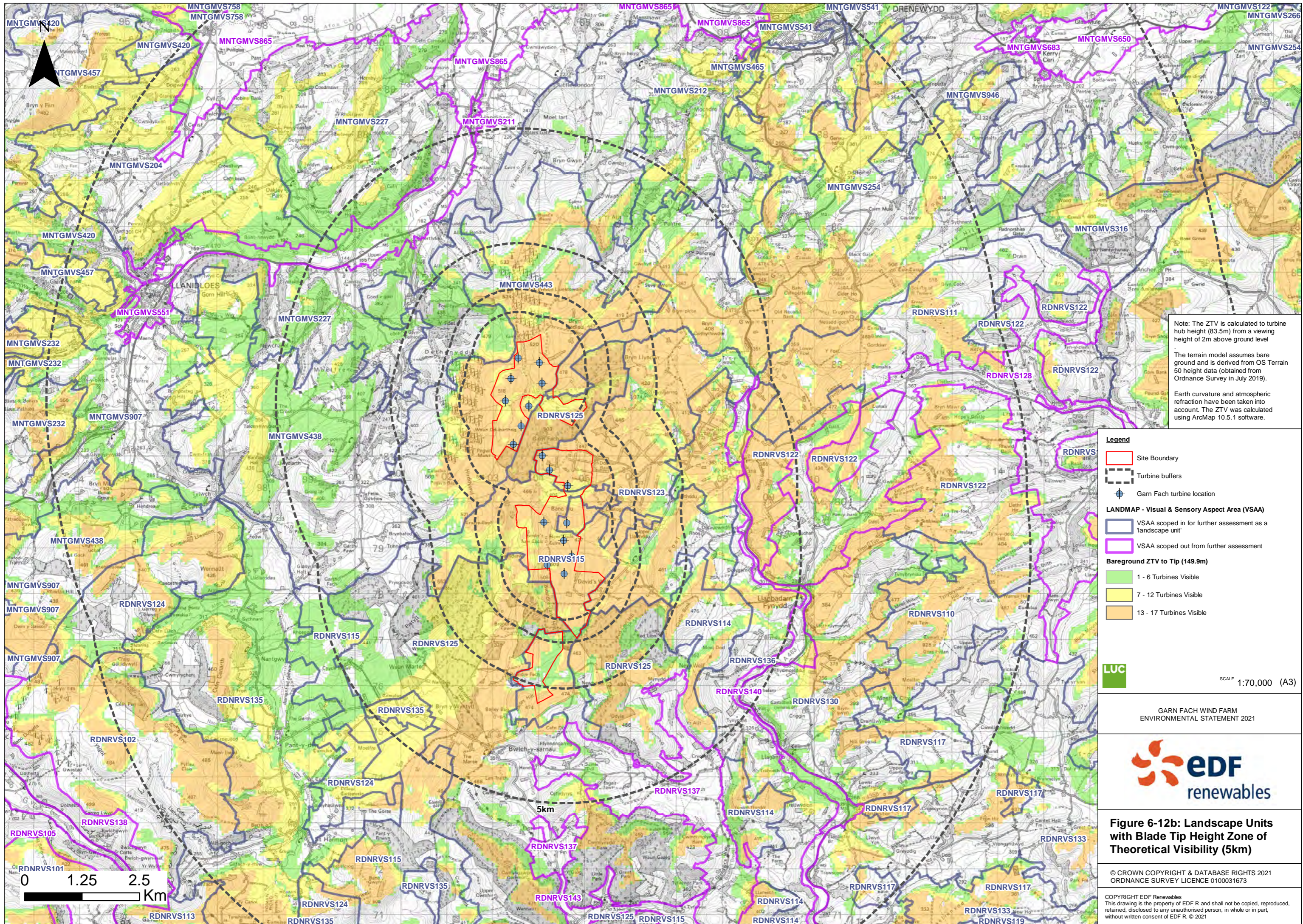
SCALE 1:175,000 (A3)

GARN FACH WIND FARM ENVIRONMENTAL STATEMENT 2021

**Figure 6-12a: Landscape Units with Blade Tip Height Zone of Theoretical Visibility (20km)**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021



Note: The ZTV is calculated to turbine hub height (83.5m) from a viewing height of 2m above ground level

The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.

**Legend**

- Site Boundary
- Turbine buffers
- + Garn Fach turbine location

**LANDMAP - Visual & Sensory Aspect Area (VSAA)**

- VSAA scoped in for further assessment as a landscape unit
- VSAA scoped out from further assessment


**Bareground ZTV to Tip (149.9m)**

- 1 - 6 Turbines Visible
- 7 - 12 Turbines Visible
- 13 - 17 Turbines Visible

**LUC**

SCALE 1:70,000 (A3)

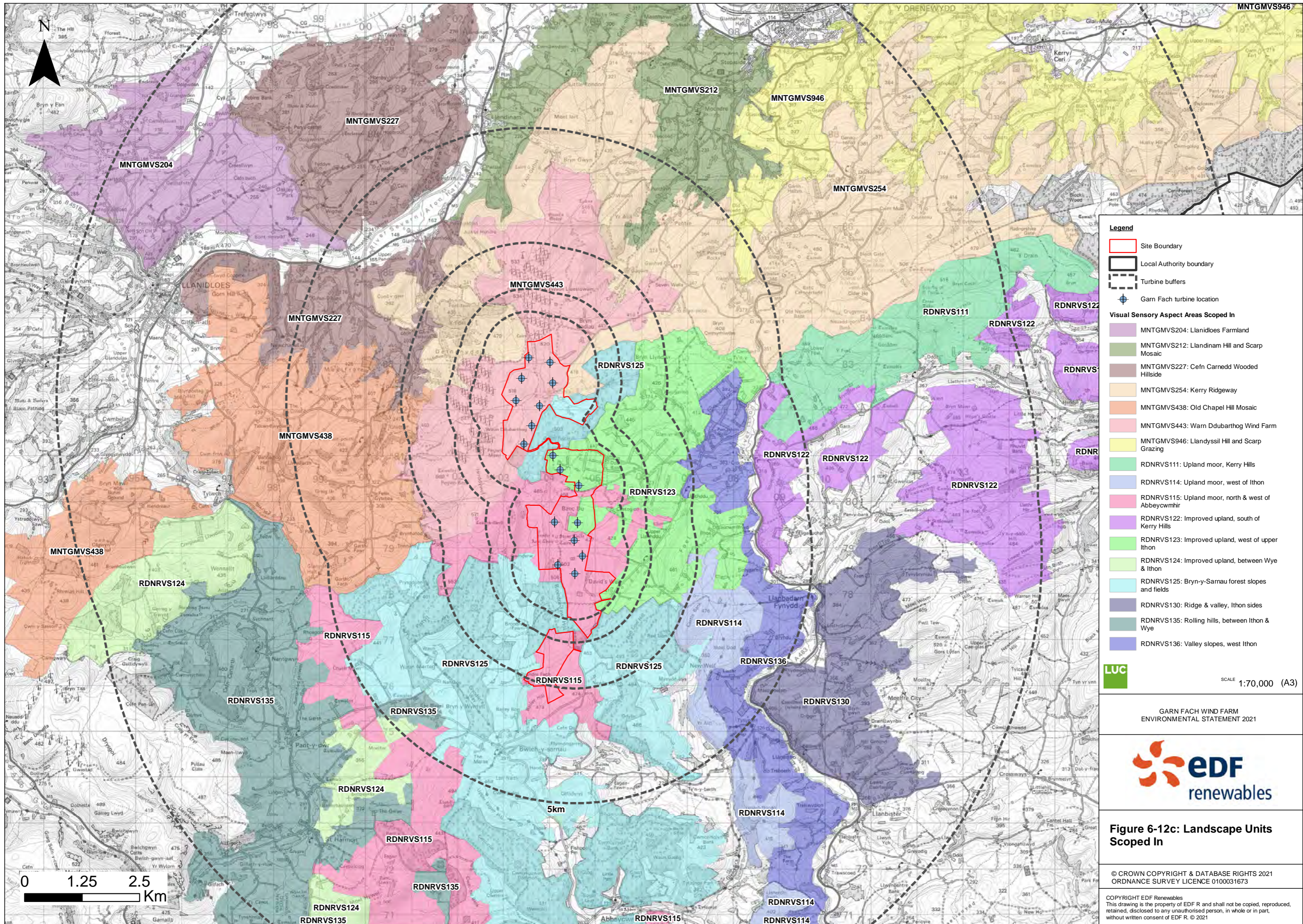
GARN FACH WIND FARM  
ENVIRONMENTAL STATEMENT 2021



**Figure 6-12b: Landscape Units with Blade Tip Height Zone of Theoretical Visibility (5km)**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021



**Legend**

- Site Boundary
- Local Authority boundary
- Turbine buffers
- Garn Fach turbine location

**Visual Sensory Aspect Areas Scoped In**

- MNTGMVS204: Llanidloes Farmland
- MNTGMVS212: Llandinam Hill and Scarp Mosaic
- MNTGMVS227: Cefn Carnedd Wooded Hillside
- MNTGMVS254: Kerry Ridgeway
- MNTGMVS438: Old Chapel Hill Mosaic
- MNTGMVS443: Wern Ddubarthog Wind Farm
- MNTGMVS946: Llandysil Hill and Scarp Grazing
- RDNRS111: Upland moor, Kerry Hills
- RDNRS114: Upland moor, west of Ithon
- RDNRS115: Upland moor, north & west of Abbecwmhir
- RDNRS122: Improved upland, south of Kerry Hills
- RDNRS123: Improved upland, west of upper Ithon
- RDNRS124: Improved upland, between Wye & Ithon
- RDNRS125: Bryn-y-Sarnau forest slopes and fields
- RDNRS130: Ridge & valley, Ithon sides
- RDNRS135: Rolling hills, between Ithon & Wye
- RDNRS136: Valley slopes, west Ithon



SCALE 1:70,000 (A3)

GARN FACH WIND FARM ENVIRONMENTAL STATEMENT 2021

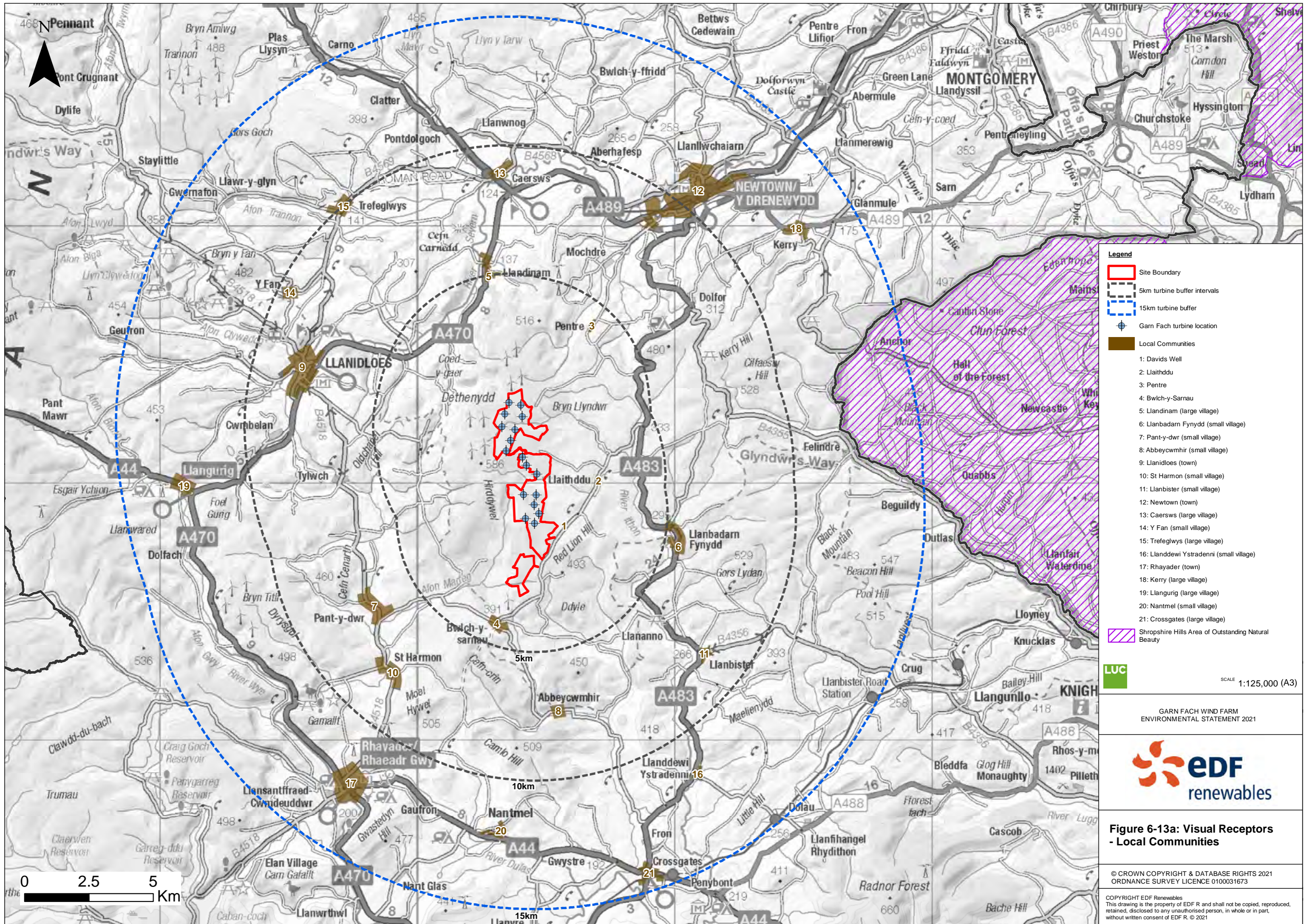


**Figure 6-12c: Landscape Units Scoped In**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021 ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021





**Legend**

- Site Boundary
- 5km turbine buffer intervals
- 15km turbine buffer
- + Garn Fach turbine location
- Local Communities

- 1: Davids Well
- 2: Llaithddu
- 3: Pentre
- 4: Bwlch-y-Sarnau
- 5: Llandinam (large village)
- 6: Llanbadarn Fynydd (small village)
- 7: Pant-y-dwr (small village)
- 8: Abbeycwmhir (small village)
- 9: Llanidloes (town)
- 10: St Harmon (small village)
- 11: Llanbister (small village)
- 12: Newtown (town)
- 13: Caersws (large village)
- 14: Y Fan (small village)
- 15: Trefeglwys (large village)
- 16: Llanddewi Ystradenni (small village)
- 17: Rhayader (town)
- 18: Kerry (large village)
- 19: Llangurig (large village)
- 20: Nantmel (small village)
- 21: Crossgates (large village)

Shropshire Hills Area of Outstanding Natural Beauty

**LUC** SCALE 1:125,000 (A3)

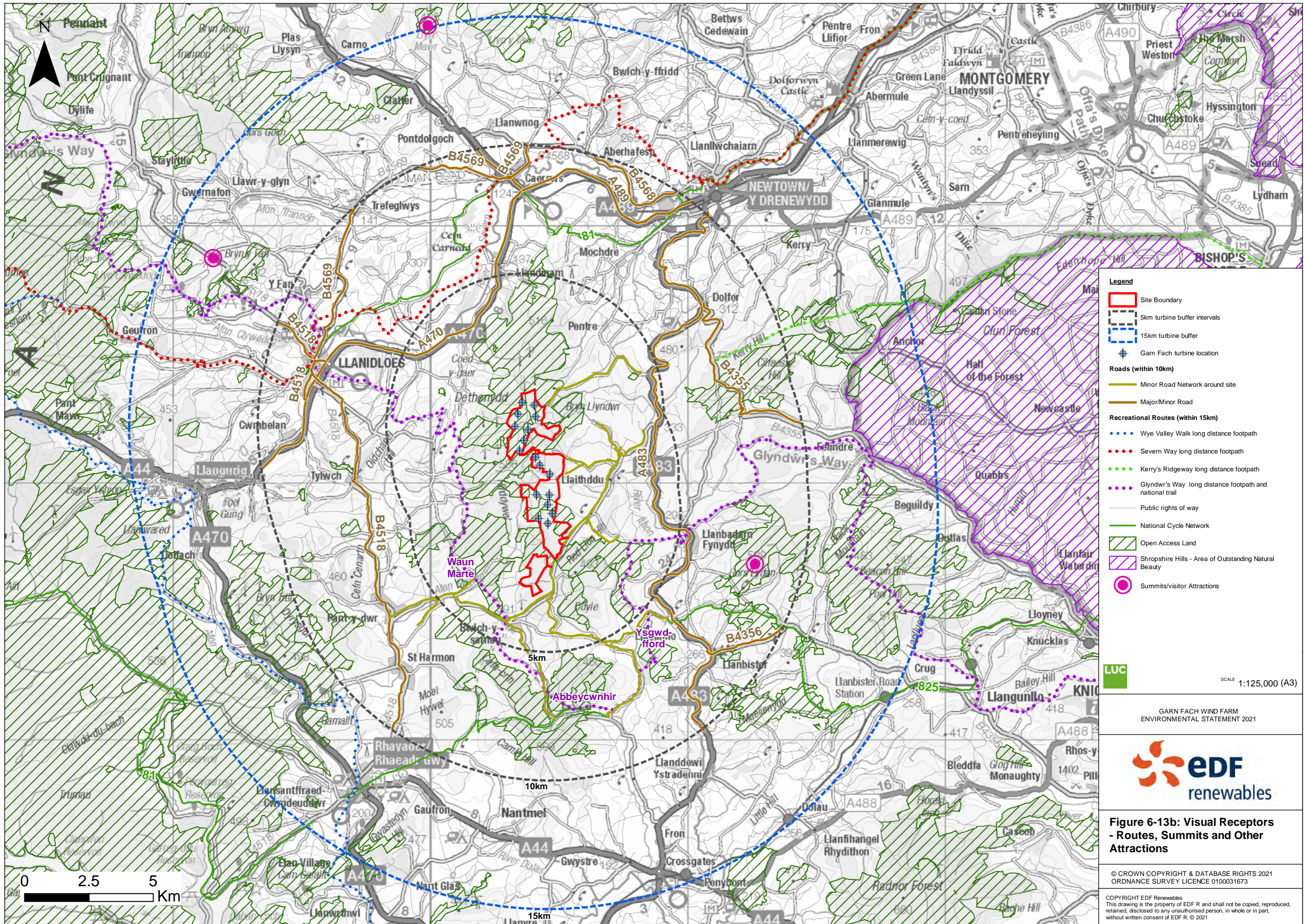
GARN FACH WIND FARM  
ENVIRONMENTAL STATEMENT 2021

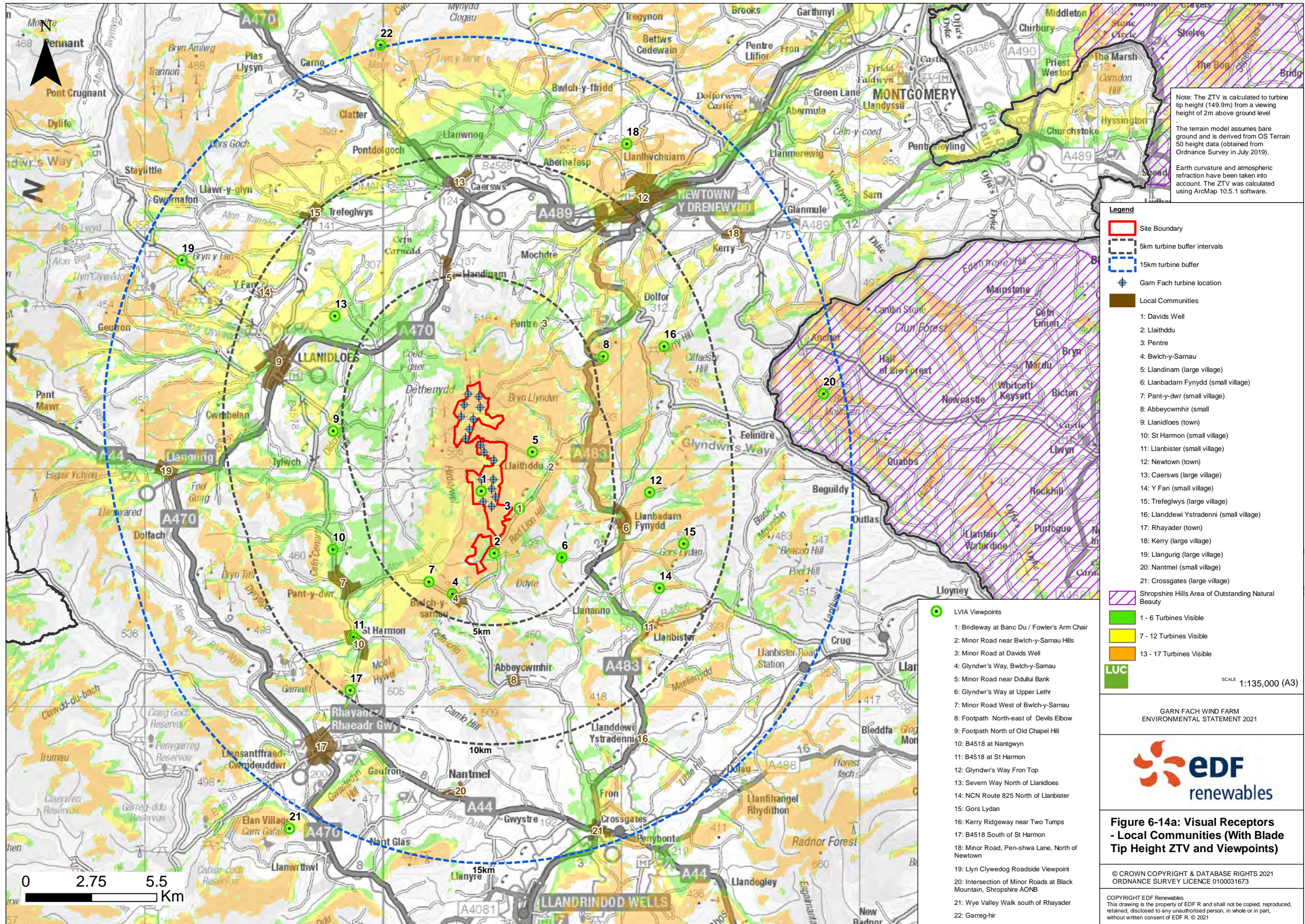


**Figure 6-13a: Visual Receptors - Local Communities**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021





Note: The ZTV is calculated to turbine tip height (149.9m) from a viewing height of 2m above ground level

The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.

**Legend**

- Site Boundary
- 5km turbine buffer intervals
- 15km turbine buffer
- Garn Fach turbine location
- Local Communities
- 1: Davids Well
- 2: Llaithddu
- 3: Pentre
- 4: Bwlch-y-Sarnau
- 5: Llandinam (large village)
- 6: Llanbadarn Fynydd (small village)
- 7: Pant-y-dwr (small village)
- 8: Abbecwmhir (small)
- 9: Llanidloes (town)
- 10: St Harmon (small village)
- 11: Llanbister (small village)
- 12: Newtown (town)
- 13: Caersws (large village)
- 14: Y Fan (small village)
- 15: Trefeglwys (large village)
- 16: Llanddewi Ystradenni (small village)
- 17: Rhayader (town)
- 18: Kerry (large village)
- 19: Llangurig (large village)
- 20: Nantmel (small village)
- 21: Crossgates (large village)

Shropshire Hills Area of Outstanding Natural Beauty

- 1 - 6 Turbines Visible
- 7 - 12 Turbines Visible
- 13 - 17 Turbines Visible

**LUC**

SCALE 1:135,000 (A3)

- LVIA Viewpoints
- 1: Bridleway at Banc Du / Fowler's Arm Chair
- 2: Minor Road near Bwlch-y-Sarnau Hills
- 3: Minor Road at Davids Well
- 4: Glyndwr's Way, Bwlch-y-Sarnau
- 5: Minor Road near Ddullui Bank
- 6: Glyndwr's Way at Upper Lethr
- 7: Minor Road West of Bwlch-y-Sarnau
- 8: Footpath North-east of Devils Elbow
- 9: Footpath North of Old Chapel Hill
- 10: B4518 at Nantgwyn
- 11: B4518 at St Harmon
- 12: Glyndwr's Way Fron Top
- 13: Severn Way North of Llanidloes
- 14: NCN Route 825 North of Llanbister
- 15: Gors Lydan
- 16: Kerry Ridgeway near Two Tumps
- 17: B4518 South of St Harmon
- 18: Minor Road, Pen-shwa Lane, North of Newtown
- 19: Llyn Clywedog Roadside Viewpoint
- 20: Intersection of Minor Roads at Black Mountain, Shropshire AONB
- 21: Wye Valley Walk south of Rhayader
- 22: Garreg-hir

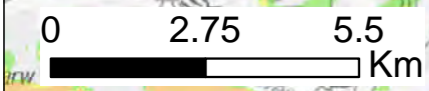
GARN FACH WIND FARM  
ENVIRONMENTAL STATEMENT 2021

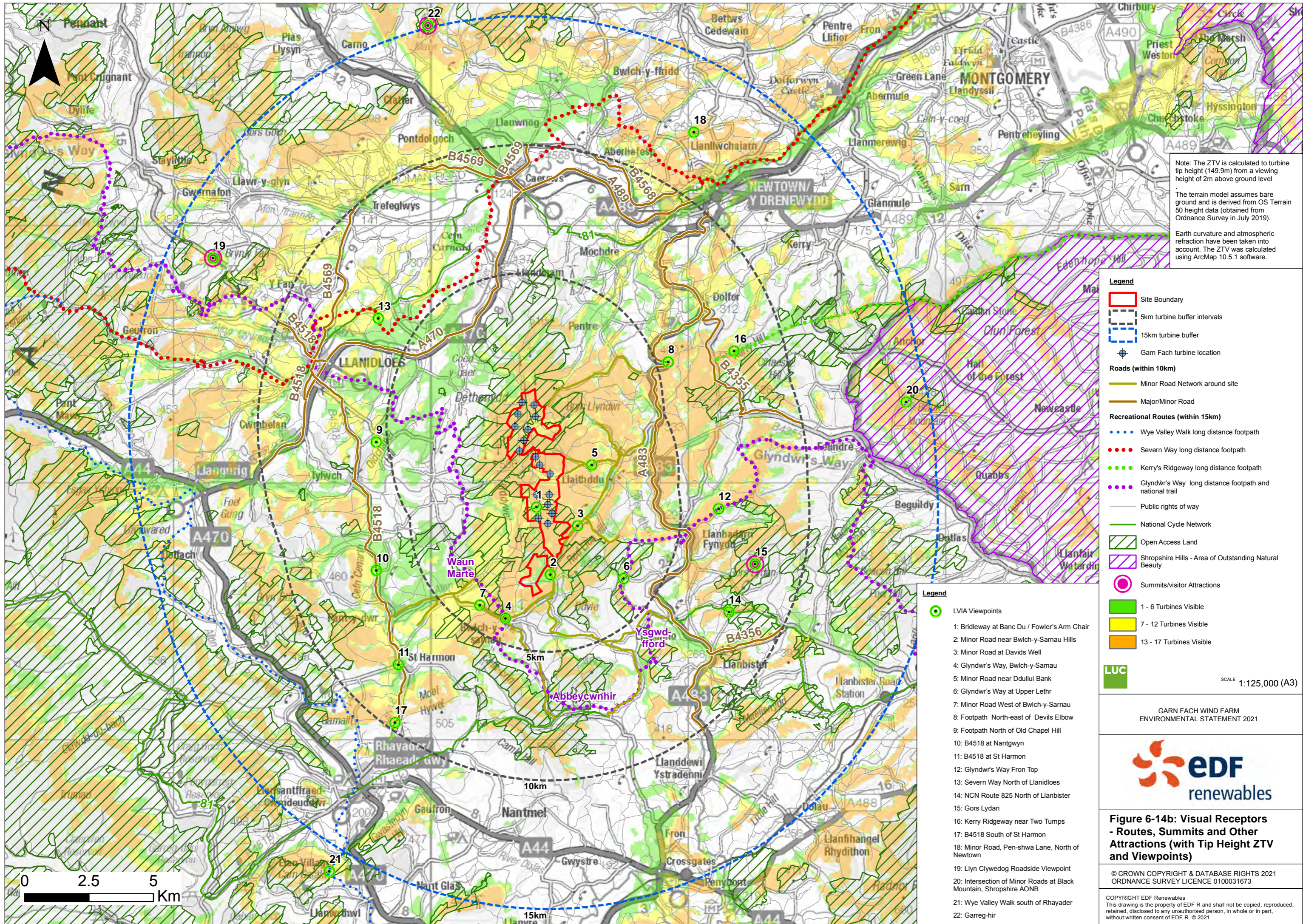
**EDF**  
renewables

**Figure 6-14a: Visual Receptors  
- Local Communities (With Blade  
Tip Height ZTV and Viewpoints)**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021





Note: The ZTV is calculated to turbine tip height (149.9m) from a viewing height of 2m above ground level

The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.

- Legend**
- Site Boundary
  - 5km turbine buffer intervals
  - 15km turbine buffer
  - Garn Fach turbine location
- Roads (within 10km)**
- Minor Road Network around site
  - Major/Minor Road
- Recreational Routes (within 15km)**
- Wye Valley Walk long distance footpath
  - Severn Way long distance footpath
  - Kerry's Ridgeway long distance footpath
  - Glyndwr's Way long distance footpath and national trail
  - Public rights of way
  - National Cycle Network
  - Open Access Land
  - Shropshire Hills - Area of Outstanding Natural Beauty
  - Summits/visitor Attractions

- Legend**
- LVIA Viewpoints
- 1: Bridleway at Banc Du / Fowler's Arm Chair
  - 2: Minor Road near Bwlch-y-Sarnau Hills
  - 3: Minor Road at Davids Well
  - 4: Glyndwr's Way, Bwlch-y-Sarnau
  - 5: Minor Road near Ddullui Bank
  - 6: Glyndwr's Way at Upper Lethr
  - 7: Minor Road West of Bwlch-y-Sarnau
  - 8: Footpath North-east of Devils Elbow
  - 9: Footpath North of Old Chapel Hill
  - 10: B4518 at Nantgwyn
  - 11: B4518 at St Harmon
  - 12: Glyndwr's Way Fron Top
  - 13: Severn Way North of Llanidloes
  - 14: NCN Route 825 North of Llanbister
  - 15: Gors Lydan
  - 16: Kerry Ridgeway near Two Tumps
  - 17: B4518 South of St Harmon
  - 18: Minor Road, Pen-shwa Lane, North of Newtown
  - 19: Llyn Clywedog Roadside Viewpoint
  - 20: Intersection of Minor Roads at Black Mountain, Shropshire AONB
  - 21: Wye Valley Walk south of Rhayader
  - 22: Garreg-hir

**LUC** SCALE 1:125,000 (A3)

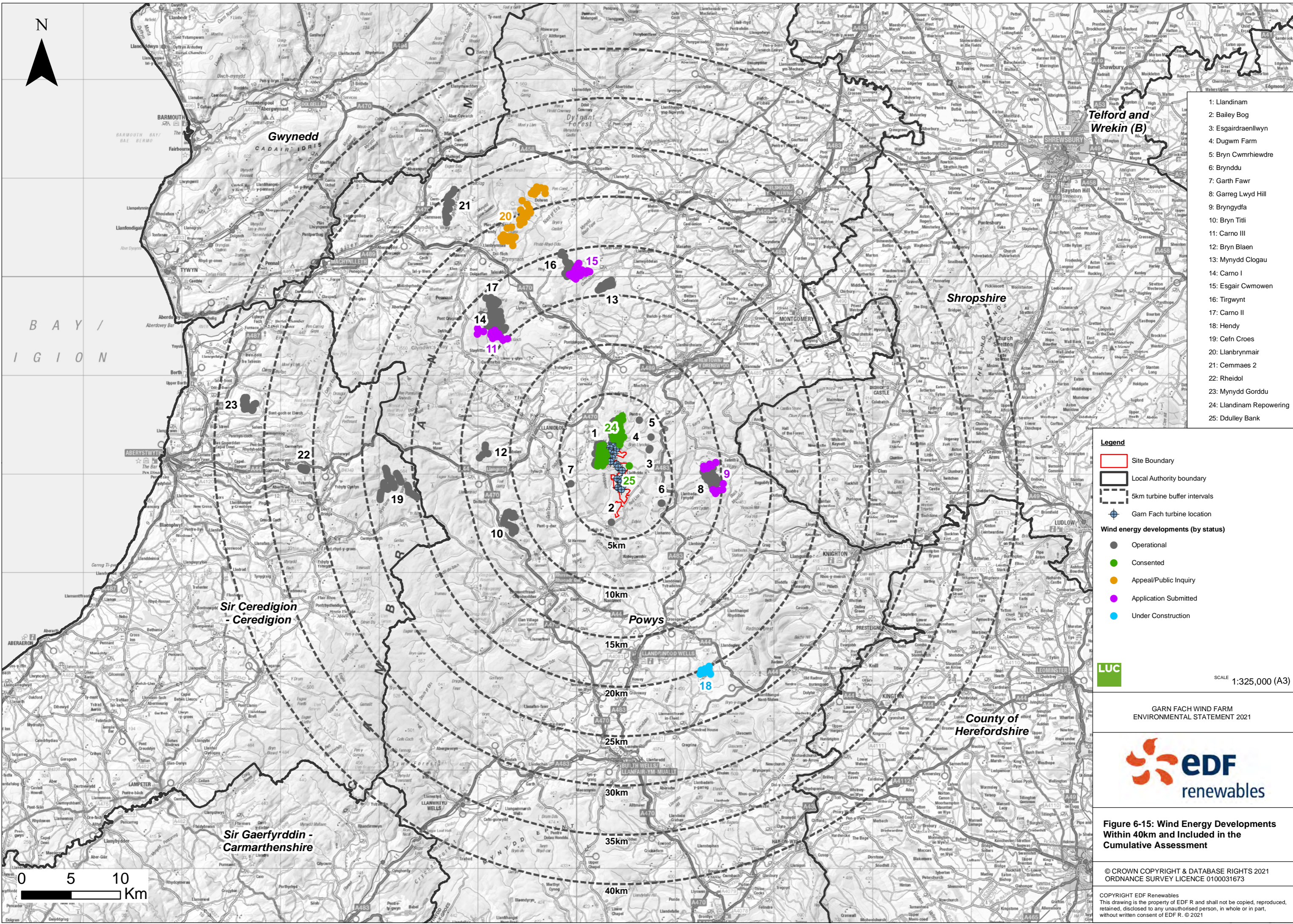
GARN FACH WIND FARM ENVIRONMENTAL STATEMENT 2021



**Figure 6-14b: Visual Receptors - Routes, Summits and Other Attractions (with Tip Height ZTV and Viewpoints)**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021



- 1: Llandinam
- 2: Bailey Bog
- 3: Esgairdraenllynw
- 4: Dugwm Farm
- 5: Bryn Cwmrhiewdd
- 6: Brynddu
- 7: Garth Fawr
- 8: Gareg Lwyd Hill
- 9: Bryngydfa
- 10: Bryn Titi
- 11: Carno III
- 12: Bryn Blaen
- 13: Mynydd Clogau
- 14: Carno I
- 15: Esgair Cwmowen
- 16: Tirgwynt
- 17: Carno II
- 18: Hendy
- 19: Cefn Croes
- 20: Llanbrynmair
- 21: Cemmaes 2
- 22: Rheidol
- 23: Mynydd Gorddu
- 24: Llandinam Repowering
- 25: Ddully Bank

**Legend**

- Site Boundary
- Local Authority boundary
- 5km turbine buffer intervals
- + Garn Fach turbine location

**Wind energy developments (by status)**

- Operational
- Consented
- Appeal/Public Inquiry
- Application Submitted
- Under Construction

**LUC** SCALE 1:325,000 (A3)

GARN FACH WIND FARM  
ENVIRONMENTAL STATEMENT 2021

**Figure 6-15: Wind Energy Developments Within 40km and Included in the Cumulative Assessment**

© CROWN COPYRIGHT & DATABASE RIGHTS 2021  
ORDNANCE SURVEY LICENCE 0100031673

COPYRIGHT EDF Renewables  
This drawing is the property of EDF R and shall not be copied, reproduced, retained, disclosed to any unauthorised person, in whole or in part, without written consent of EDF R. © 2021