

Note:
The ZTV illustrates the extent of visibility of the proposed Glenouther Wind Farm (turbine blade tip height 200 m). Visibility is shown to a distance of 20 km from the outermost turbines in all directions. The ZTV is calculated to turbine blade tip height from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1

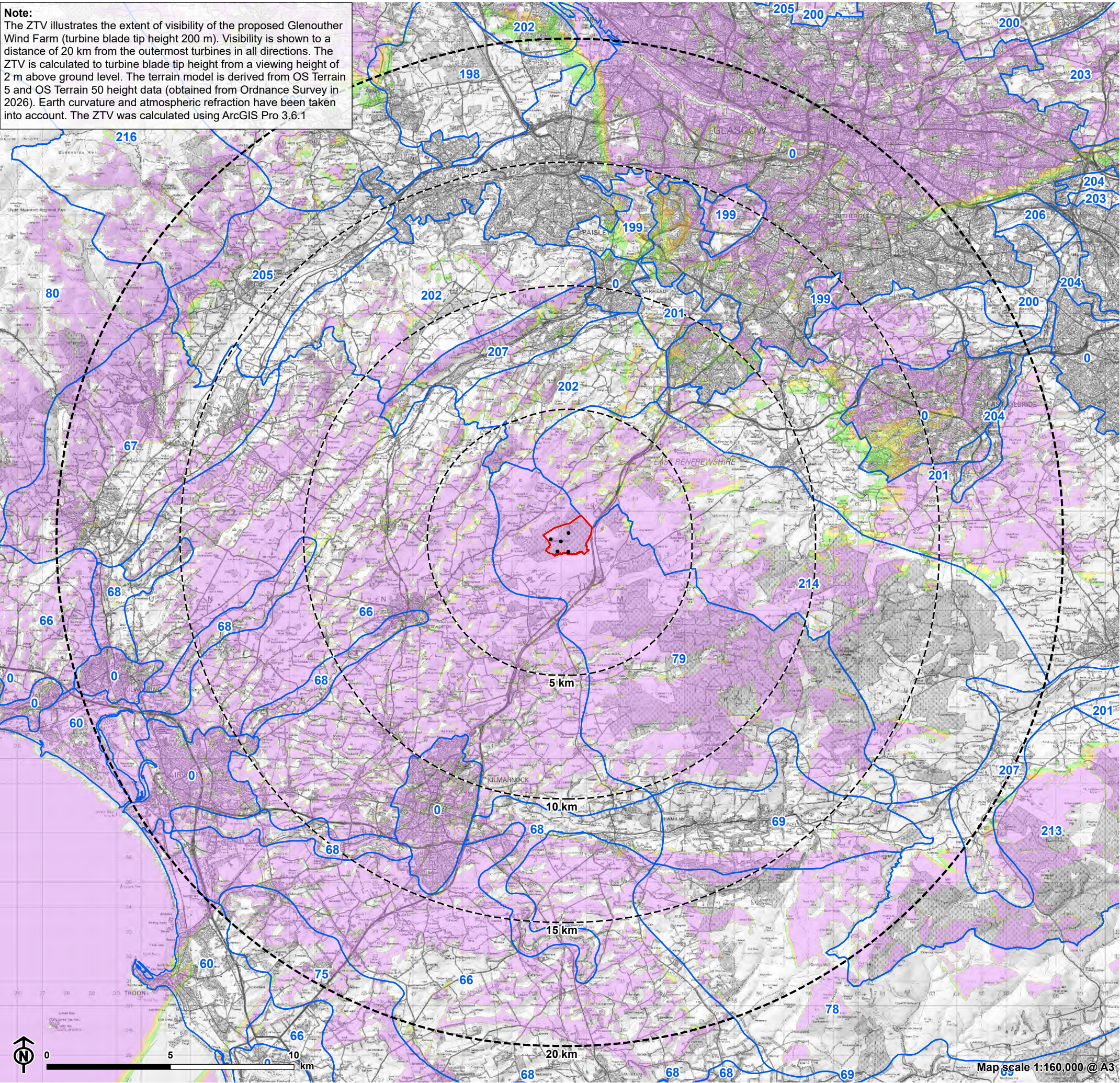


Figure 5.1.5b: Landscape Character Types with Blade Tip Height (200 m) Zone of Theoretical Visibility (ZTV) to 20 km

- Site boundary
 - Turbine
 - 5 km intervals from outermost turbines
 - 20 km from outermost turbines
 - Landscape Character Types (NatureScot 2019)
- 0: Urban
60: Low-Lying Coast
66: Agricultural Lowlands - Ayrshire
67: Broad Valley Lowlands - Ayrshire
68: Lowland River Valleys - Ayrshire
69: Upland River Valleys - Ayrshire
75: Lowland Hills - Ayrshire
78: Plateau Moorland - Ayrshire
79: Plateau Moorland with Windfarms - Ayrshire
80: Rugged Moorland Hills and Valleys
198: Agricultural Plain - Glasgow & Clyde Valley
199: Urban Greenspace
200: Rolling Farmland - Glasgow & Clyde Valley
201: Plateau Farmland - Glasgow & Clyde Valley
202: Rugged Upland Farmland
203: Urban Fringe Farmland
204: Incised River Valleys
205: Broad Valley Lowland - Glasgow & Clyde Valley
206: Broad Urban Valley
207: Upland River Valley - Glasgow & Clyde Valley
213: Plateau Moorlands - Glasgow & Clyde Valley
214: Plateau Moorland with Windfarms - Glasgow & Clyde Valley
216: Rugged Moorland Hills

Theoretical blade tip visibility (turbine blade tip height 200 m)

- 1 - 2 turbines visible
- 3 turbines visible
- 4 turbines visible
- 5 turbines visible

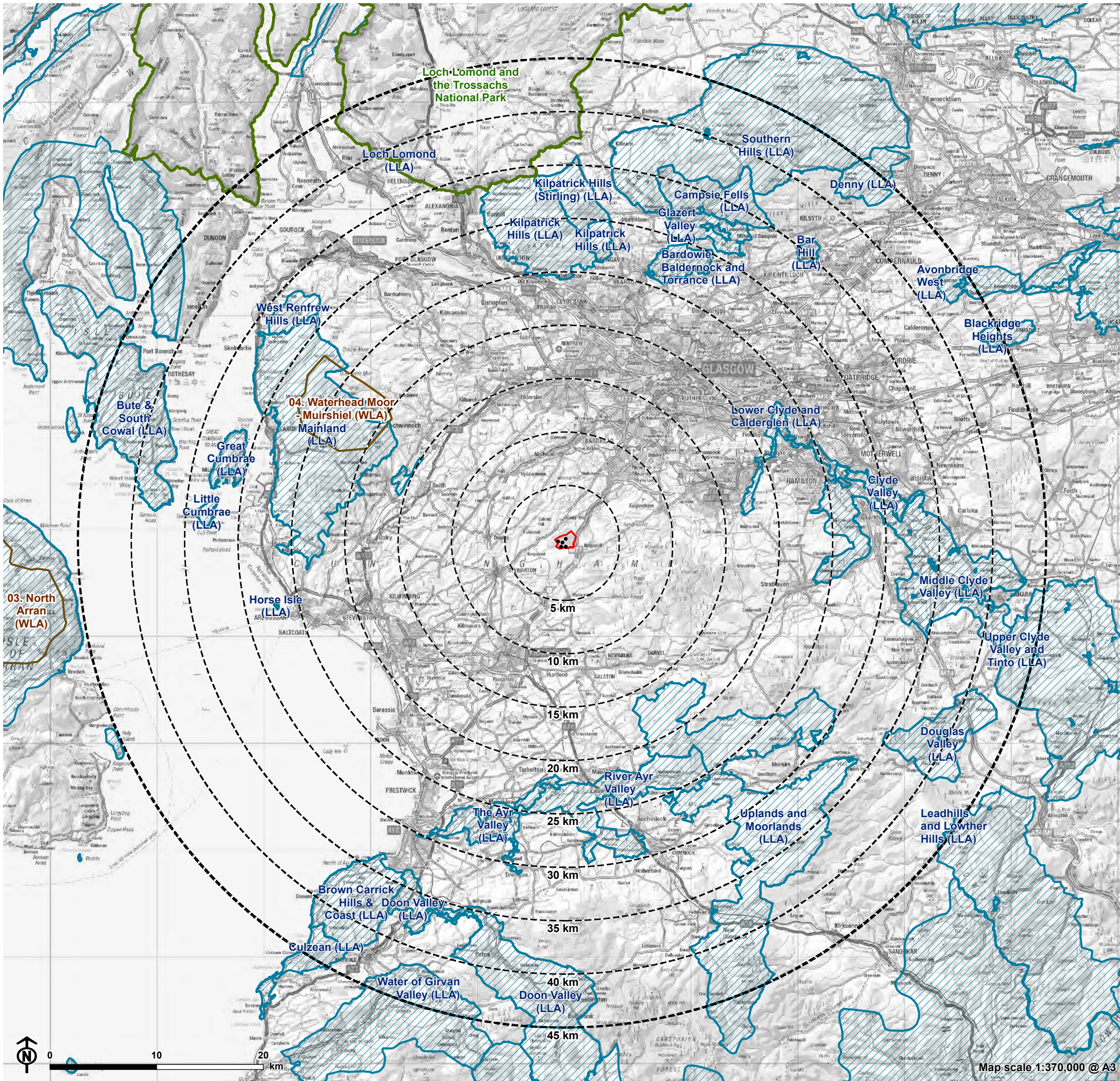


Landscape Character Types (NatureScot 2019)

0: Urban	178: Southern Uplands with Forest - Dumfries & Galloway
34: Steep Ridges and Mountains	197: Raised Beach - Glasgow & Clyde Valley
38: Open Ridges	198: Agricultural Plain - Glasgow & Clyde Valley
46: Rolling Farmland with Estates - Argyll	199: Urban Greenspace
50: Stepped Rocky Coastlands	200: Rolling Farmland - Glasgow & Clyde Valley
52: Coastal Plain - Argyll	201: Plateau Farmland - Glasgow & Clyde Valley
59: Raised Beach Coast and Cliffs	202: Rugged Upland Farmland
60: Low-Lying Coast	203: Urban Fringe Farmland
61: Coastal Fringe with Agriculture	204: Incised River Valleys
62: Coastal Headlands	205: Broad Valley Lowland - Glasgow & Clyde Valley
63: Coastal Valley with Policies	206: Broad Urban Valley
66: Agricultural Lowlands - Ayrshire	207: Upland River Valley - Glasgow & Clyde Valley
67: Broad Valley Lowlands - Ayrshire	208: Broad Valley Upland
68: Lowland River Valleys - Ayrshire	210: Undulating Farmland and Hills
69: Upland River Valleys - Ayrshire	211: Drumlin Foothills
71: Middle Dale - Ayrshire	213: Plateau Moorlands - Glasgow & Clyde Valley
72: Pastoral Valleys - Ayrshire	214: Plateau Moorland with Windfarms - Glasgow & Clyde Valley
73: Upland Glen - Ayrshire	215: Open Ridgeland - Glasgow & Clyde Valley
74: Upland Basin - Ayrshire	216: Rugged Moorland Hills
75: Lowland Hills - Ayrshire	217: Southern Uplands - Glasgow & Clyde Valley
76: Foothills - Ayrshire	219: Broad River Valley
77: Low Hills - Ayrshire	250: Steep Ridges and Hills
78: Plateau Moorland - Ayrshire	251: Highland Summits
79: Plateau Moorland with Windfarms - Ayrshire	253: Straths and Glens
80: Rugged Moorland Hills and Valleys	255: Parallel Ridges - Loch Lomond & the Trossachs
81: Southern Uplands - Ayrshire	257: Plateau Moor and Forest - Loch Lomond & the Trossachs
82: Southern Uplands with Forest - Ayrshire	260: River Valley Farmland and Estates
149: Lowland Hills - Central	261: Rolling Farmland - Loch Lomond & the Trossachs
150: Lowland Hill Fringes - Central	263: Lowland Loch Basin - Loch Lomond & the Trossachs
151: Lowland Plateaux - Central	264: Lowland Loch Basin Islands
152: Lowland River Valleys - Central	265: Settled Coastal Fringe
154: Lowland Valley Fringes	269: Upland Fringes - Lothians
165: Upper Dale - Dumfries & Galloway	273: Lowland Plateaux - Lothians
177: Southern Uplands - Dumfries & Galloway	

Figure 5.1.5c: Landscape Character Types - Descriptions

Figure 5.1.6a: Designated Landscapes and Wild Land Areas



- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 45 km from outermost turbines
- Loch Lomond and the Trossachs National Park
- Local Landscape Area (LLA)
- Wild Land Area (WLA)

Note:
Local Landscape Areas within the Glasgow City Council local authority area have been omitted from the figure for legibility.

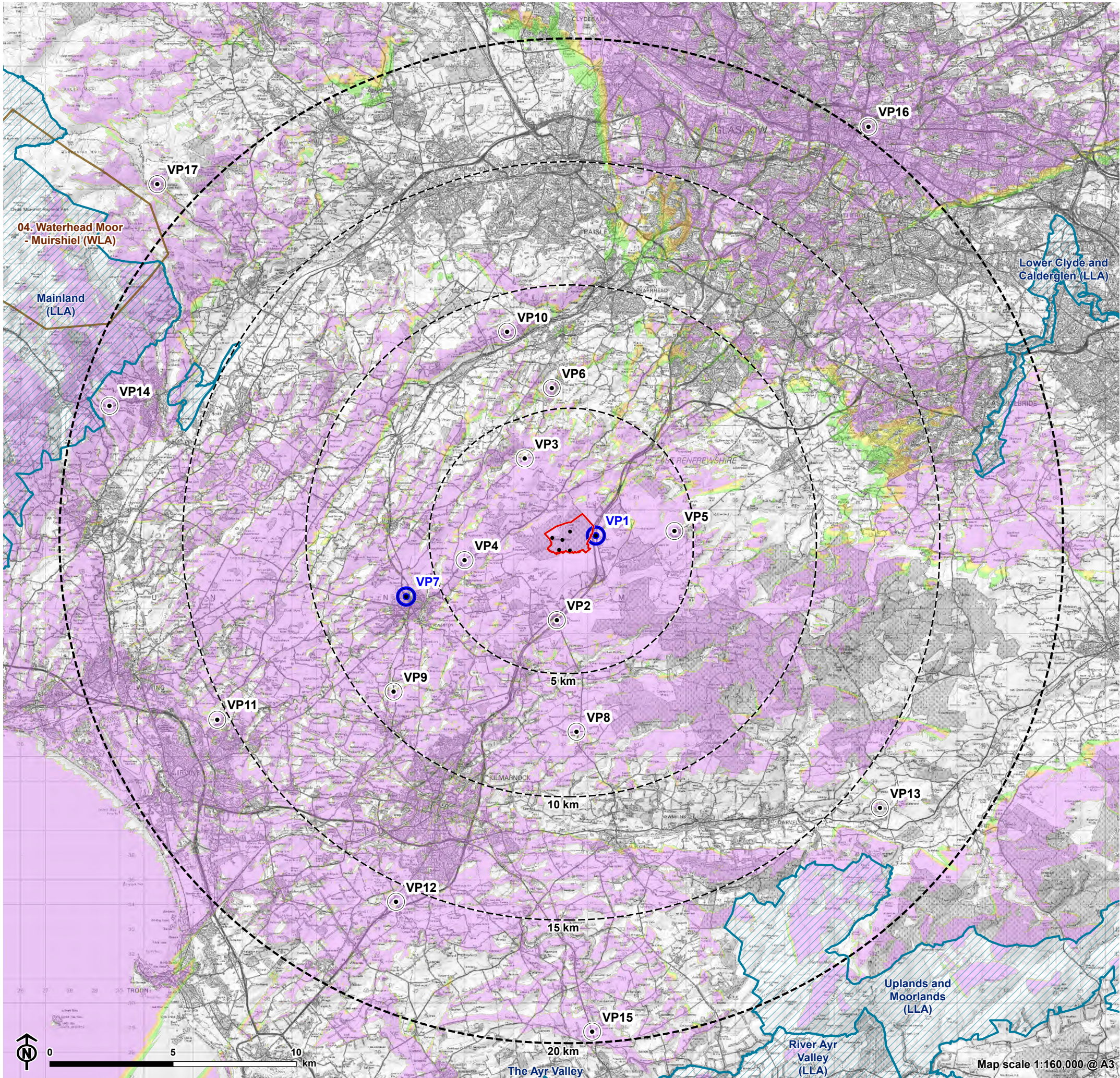


Figure 5.1.6b: Designated Landscapes and Wild Land Areas with Blade Tip Height (200 m) Zone of Theoretical Visibility (ZTV) to 20 km

- Site boundary
 - Turbine
 - 5 km intervals from outermost turbines
 - 20 km from outermost turbines
 - Local Landscape Area (LLA)
 - Wild Land Area (WLA)
 - LVIA day-time viewpoint
 - LVIA day-time and night-time viewpoint
- | | |
|----------------------------------|--|
| 1: A77 near Drumboy | 10: Foreside |
| 2: Glassock Bridge - A77/A719 | 11: Standing Stones, north of Irvine |
| 3: Harelaw Road | 12: B7038 Ditton south of Kilmarnock |
| 4: Kingsford B769 | 13: Loudon Hill A71 |
| 5: Queenseat B764 | 14: Kilbirnie Connelston A760 |
| 6: Neilston Pad | 15: Mauchline A76 |
| 7: Dunlop Road (A735), Stewarton | 16: Glasgow Necropolis |
| 8: Berryhill Moscow A719 | 17: Clyde Muirshiel Regional Park Visitor Centre |
| 9: Builston A735 | |

Theoretical blade tip visibility (turbine blade tip height 200 m)

1 - 2 turbines visible
3 turbines visible
4 turbines visible
5 turbines visible

Note:
The ZTV illustrates the extent of visibility of the proposed Glenouther Wind Farm (turbine blade tip height 200 m). Visibility is shown to a distance of 20 km from the outermost turbines in all directions. The ZTV is calculated to turbine blade tip height from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1 software.

Local Landscape Areas within the Glasgow City Council local authority area have been omitted from the figure for legibility.



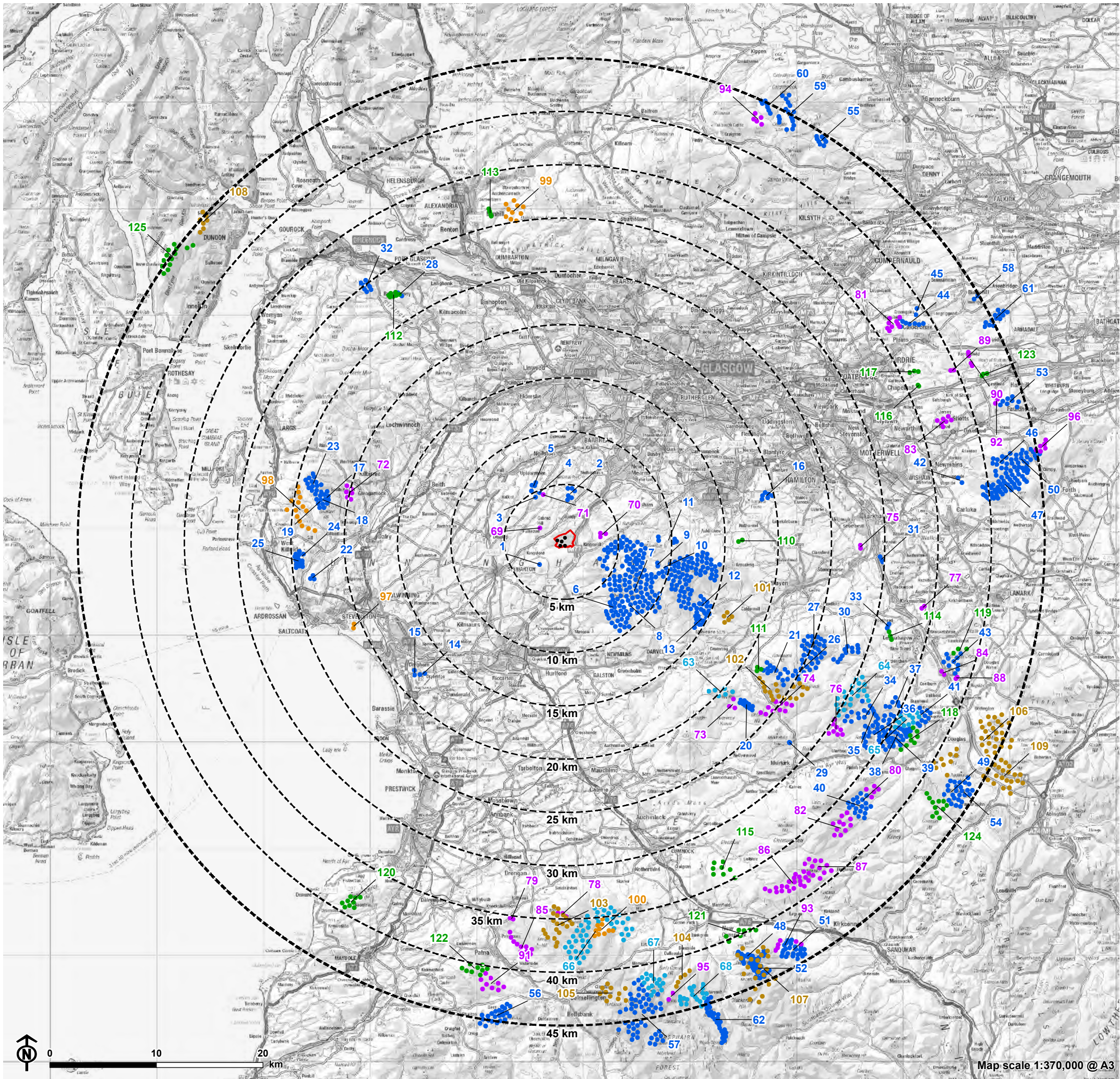


Figure 5.1.7a: Other Wind Farm Developments - 45 km

- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 45 km from outermost turbines

Wind farm layout (by status)

- Operational
- Under construction
- Consented
- Appeal/public inquiry
- Application submitted
- Design/scoping

Operational 1: Clonherb 2: Middleton 3: Dareduff Hill 4: Carswell Hill 5: Neilston Community 6: Sneddon Law 7: Whitelee Extension Phase 1 8: Whitelee Extension Phase 2 9: Myres Hill 10: Whitelee 11: Over Enoch and Ardoch 12: West Browncastle 13: Calder Water 14: GlaxoSmithKline (Irvine) 15: GlaxoSmithKline2 16: Blantyre Muir 17: Millour Hill 18: Millour Hill Extension 19: Wardlaw Wood 20: Bankend Rig 21: Dungavel 22: Sorbie Farm 23: Kelburn Estate 24: Ardrossan - Phase 2 25: Ardrossan - Phase 1 26: Kype Muir Extension 27: Kype Muir 28: Priestside Farm 29: Linburn Farm 30: Auchrobert 31: Lochhead 32: Inverclyde 33: Ladehead Farm 34: Cumberhead 35: Nutberry 36: Galawhistle (Section 36) 37: Dalquhandy 38: Hagshaw Hill Extension 39: Hagshaw Hill Repowering 40: Kennoxhead 41: Douglas West 42: Watsonhead Farm 43: Broken Cross 44: Greengairs East 45: Greendykeside	46: Black Law Extension Phase 2 47: Black Law 48: Hare Hill Phase 1 49: Andershaw 50: Black Law Extension Phase 1 51: Sandy Knowe 52: Hare Hill Phase 2 53: West Benhar 54: Middle Muir 55: Craigengelt 56: Dersalloch 57: South Kyle 58: Easter Drumclair Wood 59: Earlsburn 60: Kingsburn 61: Burnhead 62: Afton Under construction 63: Mill Rig 64: Cumberhead West 65: Douglas West Extension 66: North Kyle Energy Project 67: Enoch Hill 68: Pencloe Consented 69: Blacklaw Hill 70: Moorshield 71: Nether Carswell III 72: Swinlees (Formerly South Hourat) 73: Bankend Rig Extension 74: Bankend Rig III 75: Kittymuir 76: Hare Craig 77: Muirhouse and Auchtygemmel Repowering 78: Rigmuir 79: Knockshinnoch 80: Kennoxhead Extension 81: Greengairs 82: Kennoxhead Extension II 83: Hartwood 84: Birkhill 85: Knockkippen 86: Lethans 87: Lethans Extension	88: Broken Cross surface mine 89: Dewshill 90: Forrestfield 91: Sciencetuch 92: Brownhill Farm 93: Sandy Knowe Extension 94: Shelloch 95: Enoch Hill 2 96: Gladsmuir Appeal/public inquiry 97: Ardeer 98: Crosbie 99: Vale Of Leven 100: Overhill Application submitted 101: Mossmulloch 102: Hagshaw Energy Cluster Western Expansion 103: Breezy Hill 104: Pencloe Extension 105: South Kyle 2 106: Bodinglee 107: Hare Hill Repowering 108: Giant's Burn 109: M74 West Renewable Energy Park Design/scoping 110: High Knoweglass Farm 111: Hallsburn 112: Gryffe Wind Farm 113: Pappert Hill 114: Black Hill Lesmahagow 115: Glen Water (formerly Airds Hill) 116: Blackridge Farm, Newhouse 117: Mountow Farm 118: Hagshaw Hill III Energy Project 119: Brae 120: Sauchrie Burn 121: Blackwood (East Ayrshire) 122: Patna 123: Treesbank Farm 124: West Andershaw 125: Inverchaolain
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Note:
Cumulative wind farms based on information available to LUC on 28/01/2026. This plan shows all operational, under construction, consented, proposed and scoping stage wind farms within 45 km. Turbines under 50 m and single turbines beyond 5 km have been omitted. Scoping stage schemes are mapped, but will not be assessed in the detail of the cumulative LVIA.

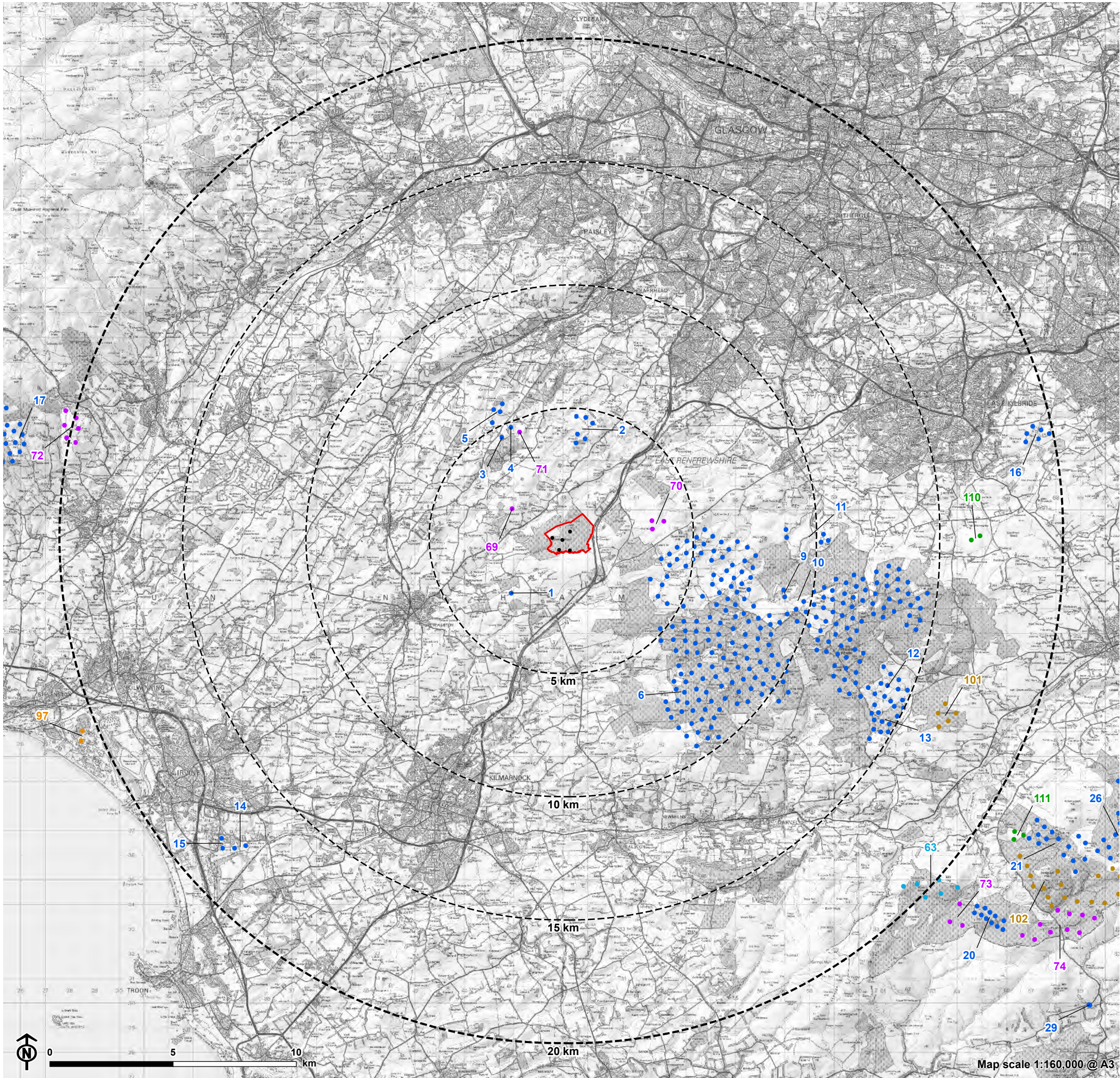


Figure 5.1.7b: Other Wind Farm Developments - 20 km

- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 20 km from outermost turbines

Wind farm layout (by status)

- Operational
- Under construction
- Consented
- Appeal/public inquiry
- Application submitted
- Design/scoping

Operational

- 1: Clonherb
- 2: Middleton
- 3: Dareduff Hill
- 4: Carswell Hill
- 5: Neilston Community
- 6: Sneddon Law
- 7: Whitelee Extension Phase 1
- 8: Whitelee Extension Phase 2
- 9: Myres Hill
- 10: Whitelee
- 11: Over Enoch and Ardoch
- 12: West Browncastle
- 13: Calder Water
- 14: GlaxoSmithKline (Irvine)
- 15: GlaxoSmithKline2
- 16: Blantyre Muir
- 17: Millour Hill
- 18: Millour Hill Extension
- 19: Wardlaw Wood
- 20: Bankend Rig
- 21: Dungavel

- 26: Kype Muir Extension
- 29: Linburn Farm

Under construction

- 63: Mill Rig

Consented

- 69: Blacklaw Hill
- 70: Moorshield
- 71: Nether Carswell III
- 72: Swinlees (Formerly South Hourat)
- 73: Bankend Rig Extension
- 74: Bankend Rig III

Appeal/public inquiry

- 97: Ardeer

Application submitted

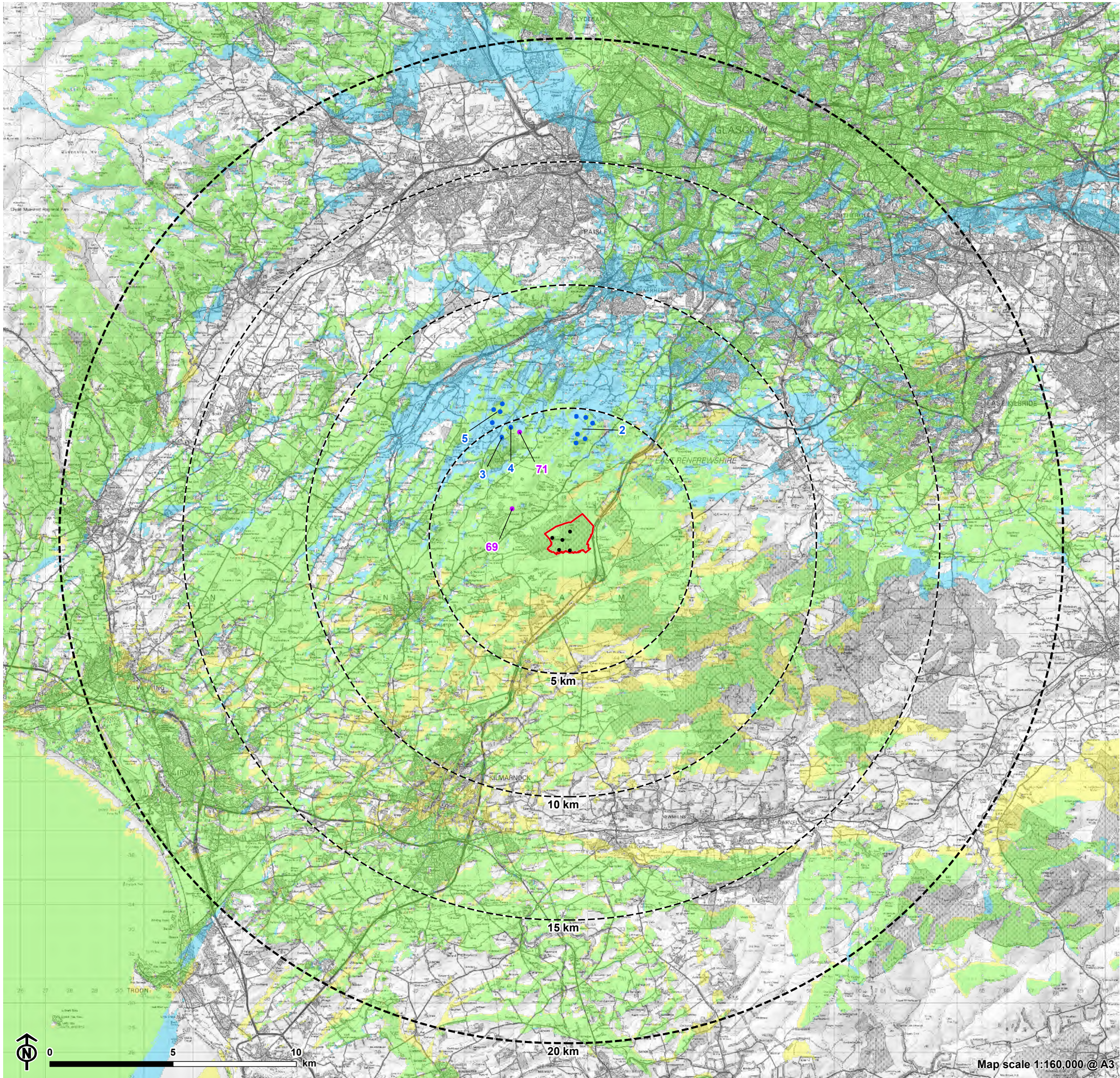
- 101: Mossmulloch
- 102: Hagshaw Energy Cluster Western Expansion

Design/scoping

- 110: High Knoweglass Farm
- 111: Hallsburn

Note:
Cumulative wind farms based on information available to LUC on 28/01/2026. This plan shows all operational, under construction, consented, proposed and scoping stage wind farms within 45 km. Turbines under 50 m and single turbines beyond 5 km have been omitted. Scoping stage schemes are mapped, but will not be assessed in the detail of the cumulative LVIA.





**Figure 5.1.8: Cumulative Zone of Theoretical Visibility (CZTV)
- Northwest Group Scenario 1 (Operational and Consented)**

- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 20 km from outermost turbines
- Wind farm layout (by status)**
 - Operational
 - Consented

- Operational**
- 2: Middleton
 - 3: Dareduff Hill
 - 4: Carswell Hill
 - 5: Neilston Community

- Consented**
- 69: Blacklaw Hill
 - 71: Nether Carswell III

- Cumulative Zone of Theoretical Visibility**
- Only operational and consented schemes theoretically visible
 - Only Glenouther Wind Farm theoretically visible
 - Glenouther Wind Farm, operational and consented schemes theoretically visible

Note:
The CZTV is calculated using ZTVs for each operational and consented wind farm within the LVIA study area comprising the Northwest wind farm group and for the proposed Glenouther Wind Farm (turbine blade tip height 200 m). These ZTVs were calculated to turbine tip height above Ordnance Datum, from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1 software. Cumulative wind farms based on information available to LUC on 28/01/2026.



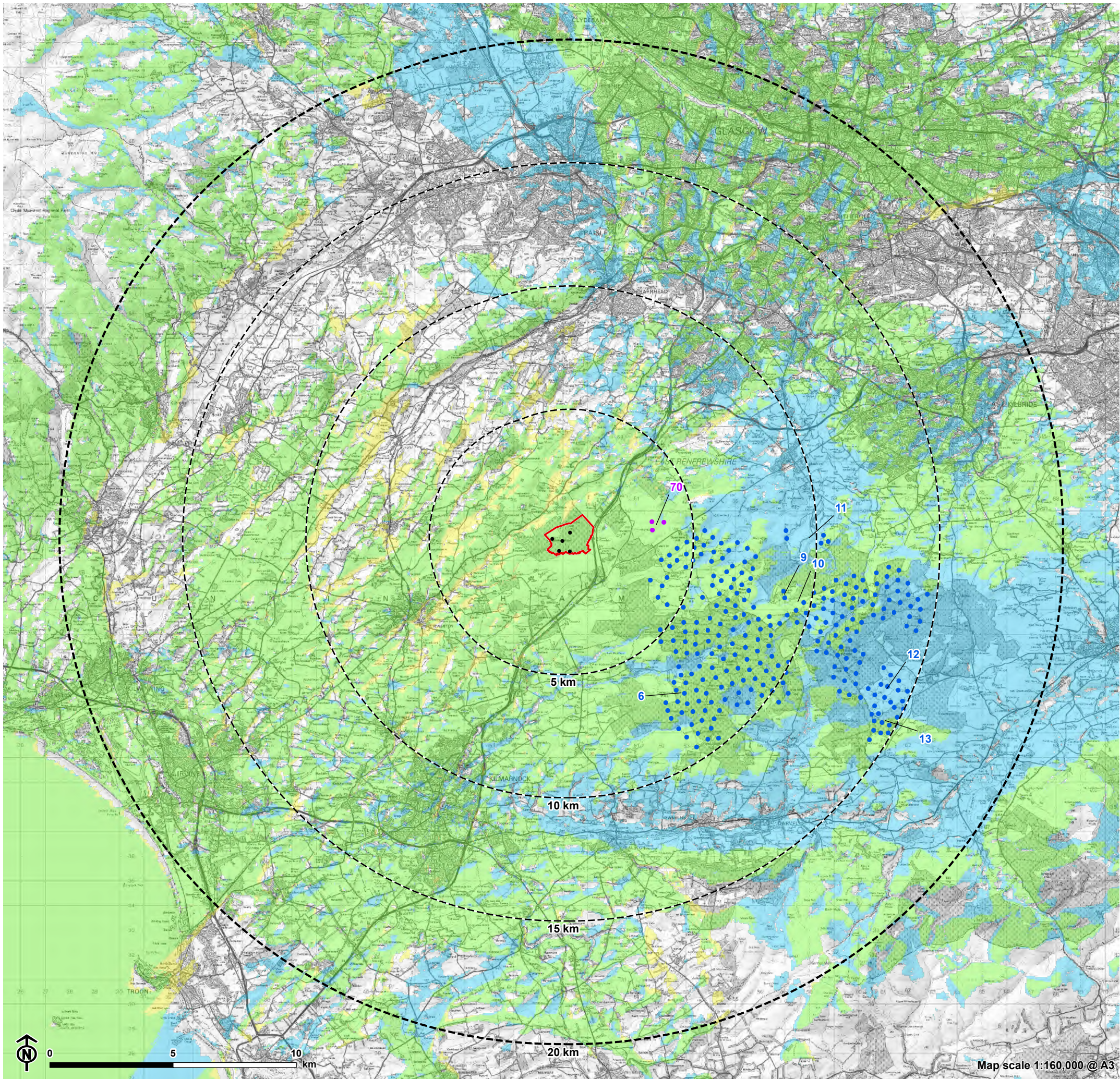


Figure 5.1.9: Cumulative Zone of Theoretical Visibility (CZTV)
- Southeast Group Scenario 1 (Operational and Consented)

- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 20 km from outermost turbines
- Wind farm layout (by status)
 - Operational
 - Consented

Operational

- 6: Sneddon Law
- 7: Whitelee Extension Phase 1
- 8: Whitelee Extension Phase 2
- 9: Myres Hill
- 10: Whitelee
- 11: Over Enoch and Ardoch
- 12: West Browncastle
- 13: Calder Water

Consented

- 70: Moorshield

Cumulative Zone of Theoretical Visibility

- Only operational and consented schemes theoretically visible
- Only Glenouther Wind Farm theoretically visible
- Glenouther Wind Farm, operational and consented schemes theoretically visible

Note:
The CZTV is calculated using ZTVs for each operational and consented wind farm within the LVIA study area comprising the Southeast wind farm group and for the proposed Glenouther Wind Farm (turbine blade tip height 200 m). These ZTVs were calculated to turbine tip height above Ordnance Datum, from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1 software. Cumulative wind farms based on information available to LUC on 28/01/2026.

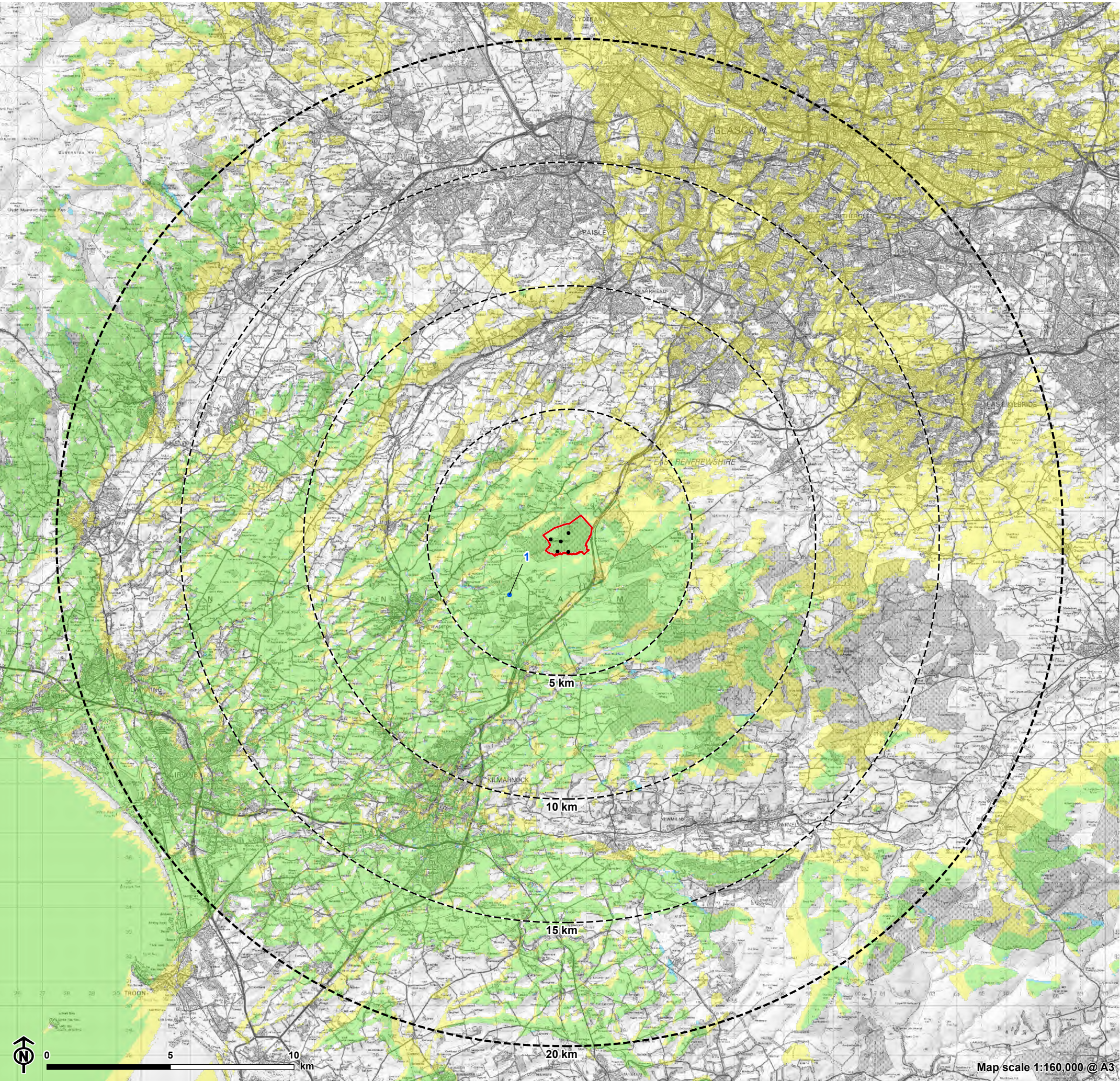


Figure 5.1.10: Cumulative Zone of Theoretical Visibility (CZTV) - Clonherb Scenario 1 (Operational)

Site boundary

Turbine

5 km intervals from outermost turbines

20 km from outermost turbines

Wind farm layout (by status)

Operational

Operational

1: Clonherb

Cumulative Zone of Theoretical Visibility

Only Clonherb scheme theoretically visible

Only Glenouther Wind Farm theoretically visible

Both Glenouther Wind Farm and Clonherb scheme theoretically visible

Note:

The CZTV is calculated using ZTVs for both the proposed Glenouther Wind Farm (turbine blade tip height 200 m) and Clonherb Wind Farm. These ZTVs were calculated to turbine tip height above Ordnance Datum, from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1 software. Cumulative wind farms based on information available to LUC on 28/01/2026.