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1. Appendix 6F

LANDMAP Historic Landscape Aspect Areas: Assessment of effects

1.1 Introduction

1.1.1 The filtering process described in **Appendix 6B**, identified 185 Historic Landscape Aspect Areas (HLAAs) that should be carried through to the assessment of effects. On the basis of the Viewpoint Assessment and analysis of significance threshold set out in **Appendix 6I**, the landscape assessment has concentrated on those HLAAs entirely or partially within 10km of the Proposed Development, which includes the following 41 HLAAs:

- CYNONHL649 Nant Castellau and Nant Muchudd;
- CYNONHL378 Rhondda Settlement Corridor;
- CYNONHL999 Mynydd Cymmer;
- CYNONHL833 Llanwonno and Cwm Clydach;
- CYNONHL888 Mynyddau Hugh a Maendy;
- CYNONHL977 Pontypridd and the Afon Taff;
- CYNONHL687 Rhondda Uplands;
- CYNONHL497 Ynysangharad Park;
- CYNONHL992 Mynydd Brith-weunydd;
- CYNONHL805 Rhondda Fawr Enclosed Valley Side;
- CYNONHL639 Gilfach Goch;
- CYNONHL482 Llantrisant;
- CYNONHL215 Unenclosed Uplands;
- CYNONHL988 Ogmere Valley Agricultural;
- CYNONHL187 Coedcaerau-bach & Garthfawr;
- CYNONHL878 Mynyddau Eglwysilian a Meio;
- CYNONHL997 Rhondda Fach Enclosed Valley Side South;
- CYNONHL290 Llanfabon and Llanbradach;
- CYNONHL308 Senghenydd and Cwm yr Aber;
- CYNONHL645 H12 Mynydd y Gaer and Allt y Rhiw;
- CYNONHL295 Llanharri and Meisgyn;
- CYNONHL993 Mynydd Meio;
- CRDFFHL005 Garth Upland;

- CRDFFHL002 Capel Llanilltern and southwest Pentyrch;
- MRTHRHL017 Quaker's Yard, Treharris and Trele;
- CYNONHL515 Cynon Enclosed Valley Side;
- MRTHRHL014 Cefn-y-Fan;
- CRDFFHL022 Craig y Parc;
- CYNONHL856 Mynyddau Merthyr ac Aberdar;
- CYNONHL987 Talygarn;
- MRTHRHL013 HL013 Cwm Cothi;
- CYNONHL582 H09 Ogmore Valley Agricultural 1;
- MRTHRHL011 HL011 Mynydd Merthyr and Mynydd Gethin;
- CYNONHL596 Rudry;
- VLFGLHL045 Hensol Castle;
- CYNONHL924 H14 Cefn Hirgoed and Hirwaun Common;
- CYNONHL634 Gelligaer and Llancaiach;
- MRTHRHL016 HL016 Cwm Bargod East;
- CYNONHL989 H32 St Brides Minor to Coychurch 2
- MRTHRHL022 HL022 Bargod Taf and Bedlinog corridor; and
- VLFGLHL042 Llansannor and Penllyn Moors.

1.1.2 The location of the HLAAs in relation to the Proposed Development and the blade and hub height ZTVs is illustrated in **Figure 6.10**.

1.1.3 The landscape sensitivity of the HLAAs to the Proposed Development is presented in **Appendix 6C** in accordance with the methodology set out in **Appendix 6A**. **Table 6F.1** assesses the magnitude of change which is likely to arise as a consequence of the Proposed Development before determining the level and type of effect and its significance.

Table 6F.1 Assessment of effect: HLAA's

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
CYNONHL649 Nant Castellau and Nant Muchudd	Medium	Medium to Zero	Moderate and Significant to No Effect.	<p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~0.3km.</p> <p>There is one existing wind turbine within the HLAA and there are many wind turbines south-west of the HLAA at Taff Ely the closest at ~1.5km. There would be no direct effects upon any of the attributes for which this landscape is valued including the listed buildings and scheduled monuments (Pen-y-Coedcae Camp and Lle'r Gaer). The presence of the proposed turbines and associated movement would be a new indirect man-made vertical influence on the HLAA and would have an indirect adverse effect upon the appreciation of the varied medieval field enclosure pattern and dispersed farmsteads.</p> <p>The magnitude of change would range from Medium for the parts of the HLAA within the ZTVs and directly adjoining the proposed development to the south and west, to Zero for the limited parts of the HLAA outside the ZTVs.</p>
CYNONHL378 Rhondda Settlement Corridor	High - Medium	Medium to Low to Zero	Moderate and Significant to No Effect	<p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~0.8km. There are no existing wind turbines within the HLAA, however there are many wind turbines surrounding the HLAA including Fforch Nest scheme to the west comprising of 11 turbines the closest at ~1.5km, and 2 turbines to the east at Llwynceilyn Farm ~600m from the HLAA. Additionally, the Rhondda Settlement Corridor is already heavily urbanised with modern buildings and major transport corridors. The presence of the proposed turbines and associated movement would therefore be an indirect man-made vertical influence, contrasting with the tightly integrated urban settlement. The historic character that forms the core of the Rhondda Historic Landscape designation is still dominated by development from the 19th and 20th century that has recently evolved through closures of collieries and development of new housing. There would be no direct</p>

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
				<p>effects upon any of the attributes for which this landscape is valued for which this landscape is valued, including numerous listed buildings within the HLAA.</p> <p>The magnitude of change would range from Medium to Low for the parts of the HLAA within ZTVs, to Zero.</p>
CYNONHL999 Mynydd Cymmer	Medium	Medium to Low to Zero	Moderate and Not Significant to No Effect	<p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~1.0km.</p> <p>There are no existing wind turbines within the HLAA, there are two turbines to the northeast at Llwynceilyn Farm ~2km from the HLAA. The presence of the proposed turbines and associated movement would therefore be a new indirect man-made vertical influence. There would be no direct effects upon any of the attributes for which this landscape is valued for which this landscape is valued, noting the landscape is dominated by unenclosed upland with areas of reclamation (of extractive industry) and afforestation.</p> <p>The magnitude of change would range from Medium-Low for the parts of the HLAA within ZTVs, to Zero outside the ZTVs.</p>
CYNONHL833 Llanwonno and Cwm Clydach	Medium	Low to Zero	Moderate/Minor Not Significant to No Effect	<p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~1.25km.</p> <p>There are two existing wind turbines within the HLAA at Mynachdy Farm, and a further two turbines at Llwynceilyn Farm ~350m west of the HLAA. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence. There would be no direct effects upon any of the attributes for which this landscape is valued for which this landscape is valued including listed buildings within the HLAA. The irregular fieldscape of drystone and hedged enclosures is fragmented by modern forestry and land-use changes and separated from the proposals by the Rhondda settlement corridor.</p> <p>The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p>

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
CYNONHL888 Mynyddau Hugh a Maendy	High-Medium	Very Low to Zero	Moderate/Minor to Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a Moderate proportion of the HLAA at a minimum distance of ~1.7km. There are many existing wind turbines within the HLAA including the Taff Ely scheme comprising of 20 turbines and a further ~25 turbines within the HLAA, the presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made influence upon the HLAA. There would be no direct effects upon any of the attributes for which this landscape is valued for which this landscape is valued including listed building within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL977 Pontypridd and the Afon Taff	High - Medium	Very Low to Zero	Moderate to Moderate/ Minor Not Significant to No Effect	The ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~1.8km. There are no existing wind turbines within the HLAA. The presence of the proposed turbines and associated movement would be a new indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this heavily industrialised landscape with major transport corridors is valued including listed buildings within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL687 Rhondda Uplands	High - Medium	Very Low to Zero	Moderate to Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~2.0km. There are several wind turbines with the HLAA including the Llwyncelyn scheme comprising of two existing wind turbines and several turbines of the Ferndale and Fforch Nest wind farms. The presence of the proposed turbines and associated movement would therefore be a new indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued for which this landscape is valued. The

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
				magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL497 Ynysangharad Park	High-Medium	Very Low to Zero	Moderate to Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that only the blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~2.9km. There are no existing wind turbines, however there is existing infrastructure including urban development surrounding the HLAA that introduce movement. The presence of the proposed turbines and associated movement would be a new indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL992 Mynydd Brithweunydd	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~3.0km. There are no existing wind turbines within the HLAA, the presence of the proposed turbines and associated movement would therefore be a new indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued. The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL805 Rhondda Fawr Enclosed Valley Side	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~3.8km. Three turbines from the Ferndale wind farm are within the HLAA. The presence of the proposed turbines and associated movement would therefore be a new indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
CYNONHL639 Gilfach Goch	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~4.0km. There are no existing turbines within the HLAA, however there are several other wind turbine schemes present in the landscape to the south of the HLAA at Mynydd Hugh (the closest at ~1km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, and there would be no direct effects upon any of the attributes for which this landscape is valued for which this landscape is valued noting there are no listed buildings or scheduled monuments within the HLAA. The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL482 Llantrisant	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~4.25km. There are no existing wind turbines within the HLAA, however there are several other wind turbine schemes present in the landscape to the northwest of the HLAA at Mynydd Hugh (at a minimum distance of ~5km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, and there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings and scheduled monuments (Llantrisant Castle) within the HLAA. The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL215 Unenclosed Uplands	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~4.8km. The HLAA includes the wind farm at Pant-y-Wal. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
				be no direct effects upon any of the attributes for which this landscape is valued. The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL988 Ogmore Valley Agricultural	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~5.1km. There are no existing wind turbines within the HLAA, however there are several other wind turbine schemes present in the landscape to the north of the HLAA at Pant-y-Wal (the closest turbine at a distance of ~200m). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, and there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL187 Coedcaerau-bach & Garthfawr	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~5.3km. There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape between the HLAA and the Proposed Development. The presence of the proposed turbines and associated movement would therefore be a new indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings and scheduled monument (Rhiw Saeson Caerau) within the HLAA. The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
CYNONHL878 Mynyddau Eglwysilian a Meio	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~5.3km. There are many existing wind turbines within the HLAA and telecommunications masts to the west. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including several scheduled monuments within the HLAA. The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL997 Rhondda Fach Enclosed Valley Side South	High-Medium	Very Low to Zero	Moderate/ Minor to Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a very small proportion of the HLAA at a minimum distance of ~5.8km. There are no existing wind turbines within the HLAA, however Ferndale Wind Farm is located ~250m south of the HLAA. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including Tarren Maerdy Cairn (scheduled monument) within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL290 Llanfabon and Llanbradach	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~5.8km. The Castell Llywd Farm e is within the HLAA. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings and Bryn Owen Farm Cairns, Llanfab (scheduled monument) within the HLAA. The magnitude of

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
				change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL308 Senghenydd and Cwm yr Aber	Medium	Low to Zero	Moderate/ Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~5.9km. There are two existing wind turbines within the HLAA and telecommunications masts in the same direction of the proposed scheme. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL645 H12 Mynydd y Gaer and Allt y Rhiw	Medium	Very Low to Zero	Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~6.2km. There are no existing wind turbines within the HLAA, however there are several other wind turbine schemes (including Taff Ely) present in the landscape between the HLAA and the Proposed Development. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including Mynydd y Gaer (scheduled monument) within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL295 Llanharri and Meisgyn	Medium	Very Low to Zero	Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~6.7km. There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes (including Graig Fatha Farm

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
CYNONHL993 Mynydd Meio	Medium	Very Low to Zero	Minor Not Significant to No Effect	<p>and West of Rhiwfelin Farm) present in the landscape between the HLAA and the Proposed Development. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings and several scheduled monuments within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p> <p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~6.8km.</p> <p>There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present to the north and north-west of the HLAA (the Closest Bryntail Farm at ~2km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p>
CRDFFHL005 Garth Upland	Medium	Very Low to Zero	Minor Not Significant to No Effect	<p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~6.9km.</p> <p>There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present to the north (Bryntail Farm at ~6km) and west (West of Rhiwfelin Farm at ~5.6km) of the HLAA. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings and scheduled monument within the HLAA. The magnitude</p>

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
				of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CRDFFHL002 Capel Llanilltern and southwest Pentyrch	Medium	Very Low to Zero	Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~7.0km. There are no existing wind turbines within the HLAA, however there are some windfarms to the northwest including one turbine West of Rhiwfelin Farm at ~4.3km. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
MRTHRHL017 Quaker's Yard, Treharris and Trele	High-Medium	Very Low to Zero	Moderate/ Minor to Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~7.1km. There are no existing wind turbines within the HLAA, however there are several windfarms to the south including Twyn Hywel wind turbines the closest at ~3.0km. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL515 Cynon Enclosed Valley Side	Medium	Very Low to Zero	Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~7.2km. There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape between the HLAA and the Proposed Development including wind

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
MRTHRHL014 Cefn-y-Fan	Medium	Very Low to Zero	Minor Not Significant to No Effect	<p>turbines at Mynachdy Farm (at ~3.2km) and Llwynceilyn Farm (at ~5.5km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including Darren Fawr Round Cairns (Scheduled Monument) within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p> <p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~8.1km.</p> <p>There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape roughly between the HLAA and the Proposed Development including the wind turbine at Cefn Forest Farm (~0.7km) and several wind turbines to the south-west including Mynachdy Farm (~4.8km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including Cefn Merthyr Round Cairns scheduled monument within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p>
CRDFFHL022 Craig y Parc	High to Medium	Very Low to Zero	Moderate/Minor to Minor Not Significant to No Effect	<p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~8.1km.</p> <p>There are no existing wind turbines within the HLAA, however, there are other wind turbine schemes present in the wider landscape, the closest at West of Rhiwfeilin Farm north-west of the HLAA (at ~7km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings</p>

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
CYNONHL856 Mynyddau Merthyr ac Aberdar	Medium	Very Low to Zero	Minor Not Significant to No Effect	<p>within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p> <p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~8.2km. There are no existing wind turbines within the HLAA, however there are several other wind turbine schemes present in the landscape in the approximate direction of the Proposed Development including Mynachdy Farm (~3.8km) and Llwyncelyn Farm (~5.9km), additionally a telecommunications mast is located to the east of the HLAA (at ~100m). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including part of Brynbychan round cairn (scheduled monument) within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p>
CYNONHL987 Talygarn	High-Medium	Very Low to Zero	Moderate/Minor to Minor Not Significant to No Effect	<p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~8.2km. There are no existing wind turbines within the HLAA, however, West of Rhiwfelin Farm (at 4.8km) is located between the HLAA and the Proposed Development and there are also many turbines to the northwest at Mynydd Portef (closest at ~5.6km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p>

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
MRTHRHL013 HL013 Cwm Cothi	Medium	Very Low to Zero	Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~8.4km. Cefn Forest Farm wind turbine is within the HLAA and there are several other wind turbine schemes close to the HLAA including Mynachdy Farm (~5.2km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including Tir Lan Cemetery (scheduled monument) within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL582 H09 Ogmore Valley Agricultural 1	Medium	Very Low to Zero	Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~8.4km. There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape between the HLAA and the Proposed Development including Pant-y-Wal Wind Farm ~0.6km from the HLAA. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
MRTHRHL011 HL011 Mynydd Merthyr and Mynydd Gethin	High to Medium	Very Low to Zero	Moderate/Minor to Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~8.9km. There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape between the HLAA and the Proposed Development including the closest Mynachdy Farm (at ~4.3km). The presence of the proposed turbines and associated movement would therefore be an incremental

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
CYNONHL596 Rudry	Medium	Very Low to Zero	Minor Not Significant to No Effect	<p>indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued, including scheduled monuments or listed buildings. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p> <p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~8.9km. There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape to the northwest of the HLAA. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings and the Caerffili Mountain Shaft scheduled monument within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p>
VLFGHL045 Hensol Castle	High-Medium	Very Low to Zero	Moderate/Minor to Minor Not Significant to No Effect	<p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~8.9km. There are no existing wind turbines within the HLAA, however, there is one wind turbine scheme present in the landscape between the HLAA and the Proposed Development (West of Rhiwfelin Farm at ~5.6km) and other schemes present to the northwest of the HLAA including Graig Fatha Farm at ~6.9km. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p>

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
CYNONHL924 H14 Cefn Hirgoed and Hirwaun Common	Medium	Very Low to Zero	Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~8.9km. There are no existing wind turbines within the HLAA, however there are several other wind turbine schemes present in the landscape between the HLAA and the Proposed Development including the closest Taff Ely at ~3.5km. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including the Pillow Mounds on Cefn Hir scheduled monument within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
CYNONHL634 Gelligaer and Llancaiach	Medium	Very Low to Zero	Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~9.4km. There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape to the southwest of the HLAA. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings and Gelligaer Roman Site scheduled monument within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.
MRTHRHL016 HL016 Cwm Bargod East	Medium	Very Low to Zero	Minor Not Significant to No Effect	ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~9.5km. There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape to the west and south of the HLAA the closest at Cefn Forest Farm

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
CYNONHL989 H32 St Brides Minor to Coychurch 2	Medium	Very Low to Zero	Minor Not Significant to No Effect	<p>(~1.4km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including Dyke Tyla-Glas scheduled monument within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p>
MRTHRHL022 HL022 Bargod Taf and Bedlinog corridor	Medium	Very Low to Zero	Minor Not Significant to No Effect	<p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a moderate proportion of the HLAA at a minimum distance of ~9.5km. There are no existing wind turbines within the HLAA, however there are several other wind turbine schemes present in the landscape between the HLAA and the Proposed Development including the closest at Taff Ely ~4.1km from the HLAA. The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including Coity Burial Chamber scheduled monument within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p> <p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a small proportion of the HLAA at a minimum distance of ~9.6km. There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape to the west and south of the HLAA the closest Cefn Forest Farm turbine (~1km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range</p>

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
VLFGHL042 Llansannor and Penllyn Moors	Medium	Very Low to Zero	Minor Not Significant to No Effect	<p>from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p> <p>ZTVs demonstrate that the hubs and blades of the proposed turbines would be visible from within a large proportion of the HLAA at a minimum distance of ~9.7km.</p> <p>There are no existing wind turbines within the HLAA, however, there are several other wind turbine schemes present in the landscape between the HLAA and the Proposed Development including Graig Fatha Farm (at ~6.0km) and West of Rhiwfelin Farm (at ~7km). The presence of the proposed turbines and associated movement would therefore be an incremental indirect man-made vertical influence, however there would be no direct effects upon any of the attributes for which this landscape is valued including listed buildings within the HLAA. The magnitude of change would range from Very Low for the parts of the HLAA within ZTVs, to Zero for the parts of the HLAA outside the ZTVs.</p>

*As set out in **Appendix 6C**.