



Technical Appendix 10.3

Assessment of Heritage Assets within 5km of the Turbine Locations

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HA No.	Ref Number	Site Name	Designation	Setting and Assessment	No of tips visible (ZTV)	No of hubs visible (ZTV)	Distance to nearest turbine location	Magnitude of impact	Significance of Effect	VP Figure (where applicable)
Scheduled Monuments										
26	SM10544 Canmore ID 66355 MDG6736	Park Hill Fort	Scheduled Monument	<p>The fort is located on an area of upland pasture/grazing with open and expansive views in all directions. The land to the east slopes down towards the Kinnel Water and its flood plain, with pockets of commercial forestry plantation and modern structures and infrastructure dispersed throughout the area. The fort dominates the immediate area with potential visual links with similar forts to the north including Stidriggs Fort and Settlement (SM10545) or further afield to the north east and Knock Hill Fort (SM2197). The prominent location adjacent to the Kinnel Water provides extensive views north and south along the valley and approach.</p> <p>Key and open views/vistas outward from the fort relate to defensive views to the north and south along the river valley, with some views to the south west and the operational Harestanes Windfarm partially filtered by commercial plantation and immediate localised topography. Distant views to the west and south west are dominated by the presence of commercial forestry plantation and the Forest of Ae, with the existing infrastructure associated with the operational Harestanes Windfarm visible.</p> <p>The magnitude of impact has been assessed as Negligible Adverse to an asset of High value, with very minor changes to setting with the introduction of blade tips and hubs in distant views to the south west in the context of commercial forestry and the operational Harestanes Windfarm. Intervening and localised topography and vegetation would have some impact on these views. These changes would not affect the key views along the valley and are unlikely to impact on the ability to understand and appreciate the heritage asset and its extensive views to the south and east. As such the significance of effect has been assessed as Slight Adverse.</p>	8	6	4.95km	Negligible Adverse	Slight Adverse	NA
30	SM10432 Canmore ID 66366 MDG6747	Dumgree Church and Burial Ground	Scheduled Monument	<p>The remains of the church and burial ground are located in an area of upland pasture/grazing with immediate open views of the slopes to the east and south. Key views are associated with the burial ground and potential views to the east towards and along the valley of the Kinnel Water.</p> <p>The magnitude of impact has been assessed as Negligible Adverse to an asset of High value, with very minor changes to setting, with the introduction of blade tips and hubs in distant views south west. These views are already partially screened by localised topography and commercial forestry plantation. Any changes would unlikely effect the key views or the ability to understand and appreciate the heritage asset. As a result, the significance of effect has been assessed as Slight Adverse.</p>	7	5	4.45km	Negligible Adverse	Slight Adverse	NA
31	SM10498 Canmore ID 66368 MDG8923	Boreland Tower	Scheduled Monument	<p>The remains of the tower are located on a low cliff overlooking the Kinnel Water, potentially guarding a crossing point or ford to the north. Key views associated with the defensive position above this crossing point are attributed to its immediate views to the north and east with distant views to the south west and the operational Harestanes Windfarm not playing a crucial role in its cultural significance.</p> <p>Due to the distances involved and intervening localised screening from landform, existing infrastructure and tree cover, the magnitude of impact has been assessed as No Change to an asset of High value, with no changes to setting, with the introduction of additional turbine tips and hubs in distant views south west. These views are already partially screened by localised topography and commercial forestry plantation. Any impacts are</p>	4	2	4.1km	No Change	Neutral	NA

HA No.	Ref Number	Site Name	Designation	Setting and Assessment	No of tips visible (ZTV)	No of hubs visible (ZTV)	Distance to nearest turbine location	Magnitude of impact	Significance of Effect	VP Figure (where applicable)
				unlikely to effect the ability to understand and appreciate the heritage asset and its localised views. As a result, the significance of effect has been assessed as Neutral .						
36	SM10497 Canmore ID 66381 MDG8935	Ogle Linn Earthwork	Scheduled Monument	<p>The remains of this earthwork are located in an upland area on the edge of the Ogle Linn adjacent to the site of an old drove road. The immediate area to the south and east appears to contain recently felled commercial forestry plantation with the site itself located within an active and fluid area of tree planting/felling. Key views associated with the possible defensive location may relate to views north east down the Ogle Linn valley. Infrastructure from the operational Harestanes windfarm may be visible in gaps in the topography to the west.</p> <p>Due to the distances involved and intervening localised screening from landform and tree cover, the magnitude of impact has been assessed as Negligible Adverse to an asset of High value, with very minor changes to setting, with the potential introduction of additional turbine blades and hubs to the south west.</p> <p>These views are already partially screened by localised topography and commercial forestry plantation. Any changes from the Proposed Development would be unlikely to effect the ability to understand and appreciate the heritage asset and its key views. As a result, the significance of effect has been assessed as Slight Adverse.</p>	4	3	2.35km	Negligible Adverse	Slight Adverse	NA
37	SM638 Canmore ID 65962 MDG6417	Poldivan Bridge Cairn	Scheduled Monument	<p>The cairn is situated in an area of recently felled commercial forestry plantation, overlooking the Capel Water to the east. The surrounding landscape is dominated by extensive commercial plantation, with upland areas to the north.</p> <p>Key views from the cairn may stretch across the Capel Water to a number of cairns on the summit of Big Knowe, but at least one of these appears to be modern in nature. Views to the east incorporate the existing infrastructure and turbines of the operational Harestanes Windfarm, with the additional blades and hubs of the proposed extension adding to background of the current array.</p> <p>These impacts would result in no changes to setting, with the additional blade tips and hubs absorbed into the current visible infrastructure. As a result, the magnitude of impact has been assessed as No Change to an asset of High value. The significance of effect has therefore been assessed as Neutral.</p>	7	6	4.3km	No Change	Neutral	NA
38	SM10548 Canmore ID 90180 MDG10084	Raehills Scooped Settlement	Scheduled Monument	<p>The settlement is located at the foot of a scarp on the east bank of the Kinnel Water, with the site overlain by a subsequent sheepfold. The immediate setting is characterised by the planting of trees and landscaping associated with the Raehills Garden and Designed Landscape, with expansive views south along the river valley. Existing infrastructure, localised topography and areas of commercial plantation filter distant views to the west.</p> <p>These impacts would result in no changes to setting, with the additional blade tips unlikely to be perceptible from the settlement location. As a result, the magnitude of impact has been assessed as No Change to an asset of High value. The significance of effect has therefore been assessed as Neutral.</p>	2	0	3.9km	No Change	Neutral	NA
52	SM10533 Canmore ID 66397 MDG6777	Tanner's Linn Earthwork	Scheduled Monument	<p>The earthwork is located on the cliffs overlooking the north side of the Tanner's Linn. The defensive earthwork is enclosed by woodland that surrounds the watercourse to the south and commercial forestry plantation to the north and north east. Open pasture to the west opens up to higher ground and further commercial plantation.</p> <p>The earthwork or forts defensive position consists of steep sided approaches to the south near to the confluence of the Tanners Linn and Molling Burn with open views in this</p>	4	3	2.8km	Negligible Adverse	Slight Adverse	NA

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				<p>direction. The earthwork does not appear to be contemporary with similar defensive sites to the south west, including Davie's Kirk (SM3299) and Maggiemauts Knowe (SM3488). However, there is ambiguity surrounding the dates, and as such direct visual links with these assets to the south west cannot be ruled out as important aspects of the earthworks setting.</p> <p>The introduction of additional blade tips and hubs would only be visible from the northern portion of the earthworks with intervening vegetation providing elements of screening. There would be no impact on the key views to the south or south east from the heritage asset, resulting in very minor changes to setting. As a result, the magnitude of impact has been assessed as Negligible Adverse to an asset of High value. The significance of effect has therefore been assessed as Slight Adverse.</p>						
59	SM3299 Canmore ID 66419 MDG6799	Davie's Kirk Hill Fort	Scheduled Monument	<p>The hillfort is located on a small rise in local topography with steep sided approaches to the north and east. The site commands views in all directions, with open and expansive views to the east and south east where the topography drops to the flood plain for the Garrel Burn and Kinnel Water. The site is surrounded by small areas of managed woodland, with open upland pasture and felled commercial forestry plantation to the north.</p> <p>The forts defensive position consists of steep sided approaches to the south and it may have direct visual links and be contemporary with sites to the south at Maggiemauts Knowe (SM3488) and south west at Wallace's Fort (SM604). Views from the asset to the north west are dominated by the presence of commercial forestry plantations.</p> <p>The introduction of blade tips to the north west would probably be imperceptible given the intervening vegetation resulting in no changes to the setting of the fort. As a result, the magnitude of impact has been assessed as No Change to an asset of High value. The significance of effect has therefore been assessed as Neutral.</p>	3	0	2.35km	No Change	Neutral	NA
62	SM3488 Canmore ID 66420 MDG6800	Maggiemauts Knowe	Scheduled Monument	<p>The remains of this hillfort are located on a steep sided hillock with a small body of freshwater at its south west side. It is unclear but this small water body may have been the result of more recent quarrying as is not visible on map regression. The forts defensive position contains steep sided approaches to the south with higher ground to the north across the Mill Burn. It may have direct visual links and be contemporary with sites to the north at Davie's Kirk Hill Fort (SM3299) and to the south east to Wallace's Hill Fort (SM604). Views from the asset to the north west are dominated by the presence of commercial forestry plantation. Intervening local topography and tree cover also impact on reciprocal links from the adjacent hill forts, however visibility remains in part.</p> <p>The introduction of blade tips from a single turbine would only be visible from a small central location within the fort, and would likely be imperceptible given intervening vegetation, resulting in no changes to the forts setting. As a result, the magnitude of impact has been assessed as No Change to an asset of High value. The significance of effect has therefore been assessed as Neutral.</p>	1	0	2.55km	No Change	Neutral	NA
64	SM3489 Canmore ID 66417 MDG6796	The Knock Deserted Settlement	Scheduled Monument	<p>The deserted settlement is located on the level top of a gentle grassy ridge. The topography dips sharply to the west, with steep tree covered slopes leading down to the Garrel Water. Open pasture extends to the north and east, with dispersed structures and roads/tracks with views towards the reservoir to the east. Views further afield to the west and north west are dominated by the presence of commercial forestry plantation with the presence of the existing infrastructure associated with the operational Harestanes Windfarm beyond. Key and open views within and from the settlement appear to relate to</p>	6	6	2.2km	Negligible Adverse	Slight Adverse	Figure 10.6 Viewpoint 23 Figure 10.7 Viewpoint 24

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				<p>the extensive views to the east and south, where the topography dips and allows open aspects across the flood plains and tributaries. Views to the north west from the higher ground along the western edge overlook the Garrel water valley and absorb the presence of active commercial plantation with elements of infrastructure present from the operational Harestanes Windfarm.</p> <p>Two wireframes have been produced, VP23 (Figure 10.5) and VP24 (Figure 10.6). The first illustrates that over a large portion of the Scheduled Monument, the towers, hubs and blades would not be visible and obscured by current landform. The second wireframe produced displays the visibility of the Proposed Development from the western periphery of the settlement, with T1 and T2 not visible, and the blade tips of T3 and T4 to the rear of views. The hubs and blades of T5-T8 would be visible appearing as part of the existing windfarm with the presence of the infrastructure associated with the operational Harestanes Windfarm beyond. This again reflects a small portion of the overall views available from the monument.</p> <p>The introduction of additional blade tips and hubs would be visible from the western edge of the settlement with the commercial forestry plantation in the immediate foreground and the existing windfarm infrastructure beyond. These impacts would result in very minor changes to the setting with no key views affected by the addition of a number of hubs. It is likely that these visual impacts would be partly screened by intervening vegetation and absorbed against the existing background. As a result, the magnitude of impact has been assessed as Negligible Adverse to an asset of High value. The significance of effect has therefore been assessed as Slight Adverse.</p>						
66	SM604 Canmore ID 66416 MDG6795	Wallace's House Fort	Scheduled Monument	<p>The fort is located on the edge of a commercial forestry plantation, on a steep sided promontory at the confluence of the Torr Linn and Black Linn burns. Its position falls within a small clearing and it retains immediate and distant views to the south and east in part due to the steep river cliffs and the lack of vegetation or topographic screening, and the land opening up to the Kinnel Water floodplain. The topography from the west and north increases, with the summits of Kirkmichael Fell and Pumro Fell. Key and open views/vistas outward from the fort relate to defensive views to the east along the river valley, with some filtered views to the north east include possible visual links or intervisibility with the forts at Maggiemauts Knowe and Davie's Kirk. It should be noted that some of the immediate views are currently partially filtered by commercial plantation and immediate localised topography.</p> <p>A wireframe has been produced, VP4 (Figure 5.14), illustrating that the majority of the towers, hubs and blades of T1, T2, T4 and T6–T8) would not be visible, with only half the blade length of T5, and the blade tip of T3 visible. Intervening commercial plantation would likely filter these views. The magnitude of impact has been assessed as Negligible Adverse to an asset of High value, with very minor changes to setting with the introduction of both blade tips and hubs in views to the north and north west in the context of commercial forestry. Intervening and localised topography and vegetation would have some impact on these views. The changes would be unlikely to impact on the ability to understand and appreciate the heritage asset and its extensive views to the south and east. As such the significance of effect has been assessed as Slight Adverse.</p>	6	6	2.1km	Negligible Adverse	Slight Adverse	Figure 10.5 Viewpoint 22

HA No.	Ref Number	Site Name	Designation	Setting and Assessment	No of tips visible (ZTV)	No of hubs visible (ZTV)	Distance to nearest turbine location	Magnitude of impact	Significance of Effect	VP Figure (where applicable)
Listed Buildings										
33	LB9887 Canmore ID 66357 MDG6738, MDG20880	Sawmill Cottage	Category B Listed Building	<p>The cottage is currently located on a minor road off the current A701 and the current setting falls within a landscape dominated by commercial forestry plantation which completely encompasses the structure. There are a number of immediate and open views across pasture land which gently slopes to the south and west towards the mature trees that surround the Kinnel Water and the Raehills Garden and Designed landscape. Key views likely relate to the immediate field systems and enclosing woodland.</p> <p>Distant views to the west and north west incorporate the large scale commercial forestry plantation and the operational Harestanes Windfarm. The additional visibility of blade tips and hubs would add to the existing infrastructure already visible, but significant localised vegetation is likely to impact on these views.</p> <p>The magnitude of impact has been assessed as Negligible Adverse to an asset of High value, with very minor changes to setting with the introduction of both blade tips and a hub in distant views to the north and north west in the context of commercial forestry and the operational Harestanes Windfarm. Intervening and localised topography and vegetation would have significant impacts on these views. The changes from the Proposed Development would be unlikely to impact on the ability to understand and appreciate the fabric and nature of the cottage. As such the significance of effect has been assessed as Slight Adverse.</p>	8	5	4.4km	Negligible Adverse	Slight Adverse	NA
39	LB9899 Canmore ID 90199 MDG20892 MDG10099	Raehills Dryridge Bridge	Category C Listed Building	<p>The bridge is currently located within the mature and established gardens associated with the Raehills Garden and Designed Landscape, with immediate views of the bridge from its approaches from the north and south and views from the bridge to the adjacent Kinnel Water.</p> <p>Views further afield to the west towards the proposed development are screened by existing mature woodland, structures and ancillary infrastructure along with commercial forestry plantation further to the west and north west.</p> <p>Distant views to the west and north west incorporate the large scale commercial forestry plantation surrounding the Garden and Designed Landscape. The additional visibility of blade tips would be imperceptible with intervening vegetation. The magnitude of impact has been assessed as No Change to an asset of Medium value. As such the significance of effect has been assessed as Neutral.</p>	2	0	3.7km	No Change	Neutral	NA
47	LB9886 Canmore ID 232279	St Ann's Village Cottage	Category B Listed Building	<p>The building is currently located to the west of the current A701, and falls outside the edge of the Raehills Garden and Designed Landscape, within the flat flood plain of the Kinnel Water. The building currently sits at the side of the road with a number of ancillary structures and a large working yard area to the rear of the building. The policies of the Garden and Designed Landscape and pockets of commercial forestry plantation lie between the building and the Proposed Development. Localised screening from topography, trees and dispersed structures impact on views in all directions.</p> <p>Peripheral and distant views between the adjacent buildings to the west and north west incorporate the large scale commercial forestry plantation. The additional visibility of blade tips and hubs would be partly screened by vegetation. The magnitude of impact has been assessed as No Change to an asset of High value, with no changes to setting with the introduction of both blade tips and a hub in distant views to the west. As such the significance of effect has been assessed as Neutral.</p>	8	7	3.95km	No Change	Neutral	NA

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48	LB9901 Canmore ID 232273 MDG23242	Raehills Gatepiers and Screen Walls	Category B Listed Building	<p>The walls and gatepiers are currently located on the current A701 and linked to St Ann's Bridge (LB9855), within the Raehills Garden and Designed Landscape. They are surrounded by dense tree coverage, with the policies of the Garden and Designed Landscape and pockets of commercial forestry surrounding. Localised screening from topography, trees and dispersed structures impact on views in all directions.</p> <p>Peripheral and distant views to the west and north west incorporate the large scale commercial forestry plantation. The additional visibility of blade tips and hubs would be screened by significant localised vegetation. The magnitude of impact has been assessed as No Change to an asset of High value, with no changes to setting with the introduction of both blade tips and a hub in distant views to the west. As such the significance of effect has been assessed as Neutral.</p>	7	5	3.85km	No Change	Neutral	NA
51	LB9878 Canmore ID 79605 MDG20871	Goodhope Farm	Category B Listed Building	<p>The buildings are located to the east of Raehills Garden and Designed Landscape, on the A701 and are currently surrounded by dispersed mature trees with open aspects to the south across an area of open grazing. Open ground is also noted to the north, to the rear of a number of ancillary structures associated with the farm. A number of bands of commercial forestry plantation are present immediately to the east on the opposite side of the B7020.</p> <p>Peripheral and distant views to the west and north west incorporate the large scale commercial forestry plantation and the operational Harestanes Windfarm. The additional visibility of a number of blade tips and hubs would be backdropped against the current infrastructure with significant localised topography and screening likely to impact on these views. The magnitude of impact has been assessed as No Change to an asset of High value, with no changes to setting with the introduction of additional blade tips and a hubs in distant views to the west. As such the significance of effect has been assessed as Neutral.</p>	8	7	4.65km	No Change	Neutral	NA
55	LB9874 Canmore ID 232266 MDG20867	Pleasure Gate Cottage	Category C Listed Building	<p>The cottage is located to the south of Raehills Garden and Designed Landscape on the A701 in a small clearing of commercial forestry plantation. The cottage retains open with wide vistas south across undulating pasture fields. Views to the cottage from the current A701 are back clothed by dense plantation.</p> <p>Peripheral and distant views to the west and north west incorporate the large scale commercial forestry plantation. If visible, the additional blade tips and hubs would be screened by significant localised vegetation. The magnitude of impact has been assessed as No Change to an asset of Medium value, with no changes to setting with the introduction of additional blade tips and a hubs in distant views to the west. As such the significance of effect has been assessed as Neutral.</p>	7	5	3.45km	No Change	Neutral	NA
71	LB10375 Canmore ID 232402, 264710 MDG24713 MDG17969 MDG24231	Burrance House	Category B Listed Building	<p>The building is located at the edge of open pasture to the north of the current A701. A small coppice of trees lies between the building and the Garrel Water. The building retains immediate filtered views in all directions due to the lack of topography and tree cover.</p> <p>Key vistas likely relate to localised views out and towards the buildings to the south across arable and pasture farmland. To the immediate west, mature tree coverage provides the potential for picturesque views towards the Garrel Water. Views in all directions incorporate rural, managed agricultural practices.</p>	6	4	3.2km	Negligible Adverse	Slight Adverse	NA

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				The magnitude of impact has been assessed as Negligible Adverse to a heritage asset of High value, with very minor changes to setting, with the potential for the introduction of both blade tips and hubs in distant views to the north west. It should be noted that intervening and localised topography and vegetation would have some impact on these views. These changes in setting are unlikely to impact on the ability to understand and appreciate the house, its outward views and views on approach from the A701. Therefore, the overall significance of effect has been assessed as Slight Adverse .						
74	LB10377 Canmore ID 66403 MDG17971 MDG6783	Courance House	Category B Listed Building	<p>The building is located to the west of the Kinnel Water in a predominantly managed agricultural setting. Beyond its current surrounding of mature trees, much of the fields beyond relate to arable farming. There are a number of open vistas to the south, across the properties managed gardens which open out onto the agricultural landscape beyond.</p> <p>The magnitude of impact has been assessed as Negligible Adverse to a heritage asset of High value, with very minor changes to setting, with the potential for the introduction of both blade tips and hubs in distant views to the north west. It should be noted that intervening and localised topography and vegetation would have some impact on these views. These changes in setting would be unlikely to impact on the ability to understand and appreciate the heritage asset, its outward views and views on approach from the A701. Therefore, the overall significance of effect has been assessed as Slight Adverse.</p>	7	5	3.95km	Negligible Adverse	Slight Adverse	NA
76	LB10383 Canmore ID 209918, 264691 MDG17977 MDG24205 MDG24712	Kirkland Farmhouse and former Dovecot	Category B Listed Building	<p>The farmhouse is located to the south east of the forest of Ae, on the current A701. The terrain drops to the south and east towards the flood plain surrounding the Kinnel Water and its tributaries. Some pockets of screening surround the structures, with filtered views towards the main road and areas of arable and pasture farmland beyond. A significant number of ancillary modern structures are clustered to the rear of the property to the north and north west.</p> <p>Peripheral and distant views to the west and north west incorporate the large scale commercial forestry plantation. The introduction of blade tips and hubs would be partly screened by intervening vegetation and modern buildings. The magnitude of impact has been assessed as Negligible Adverse to an asset of High value, with very minor changes to setting with the introduction of additional blade tips and hubs in peripheral views to the north west. These changes would be unlikely to impact on the ability to understand and appreciate the structure and its current setting. As such the significance of effect has been assessed as Slight Adverse.</p>	6	4	3.3km	Negligible Adverse	Slight Adverse	NA
83	LB10376 Canmore ID 232404, 232403 MDG17970	1, 2, and 3 Corses	Category C Listed Building	<p>The row of cottages is located on the lower slopes of Kirkmichael Fell, on the current A701. The cottages retain open views of the valley to the south and east, with small dispersed pockets of commercial forestry plantation mixed with an active agricultural landscape. Views from the rear of the structure looking north are obscured by a number of ancillary buildings and structures and localised screening from trees. Further to the north, the views are dominated by the large scale commercial forestry plantation and the forest of Ae.</p> <p>Peripheral and distant views to the north incorporate modern buildings and the large scale commercial forestry plantation beyond. The introduction of blade tips and hubs would be partly screened by vegetation. The magnitude of impact has been assessed as No Change to an asset of Medium value, with no changes to the setting of the buildings with the introduction of blade tips and hubs in peripheral views to the north. As such the significance of effect has been assessed as Neutral.</p>	8	3	3.75km	No Change	Neutral	NA

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86	LB10369 Canmore ID 66257 MDG17963 MDG6673	Kirkmichael Parish Church and Churchyard	Category B Listed Building	<p>The Church and Churchyard are located to the south west of Kirkmichael Fell, at the base of Blaeberry Hill. The building retains picturesque views along the Glenkiln burn, which passes to the west. Open views are present across managed farmland, with arable and pasture fields opening up to the south and west. Views to the north of the Church are dominated by large commercial farm structures.</p> <p>Peripheral views beyond the top of Blaeberry Hill may result in the introduction of blade tips from a single turbine, in a view already dominated by large scale commercial forestry plantation, making it likely imperceptible. The magnitude of impact has been assessed as No Change to an asset of High value, with no changes to the setting of the church or churchyard. As such the significance of effect has been assessed as Neutral.</p>	1	0	3.85km	No Change	Neutral	NA
88	LB10380 Canmore ID 232401, 264732 MDG24230 MDG24715	Easter Parkgate Farmhouse and Steading	Category B Listed Building	<p>The farmhouse and steading are located on the lower slopes of Kirkmichael Fell, on the current A701. The cottages retain open wide views of the valley to the south and east, with small dispersed pockets of commercial forestry plantation mixed with an active agricultural landscape. Views from the west of the structures are obscured by a number of ancillary buildings and structures and localised screening from trees. Further to the north, the views are dominated by the large scale commercial forestry plantation and the forest of Ae.</p> <p>Peripheral and distant views to the north incorporate the large scale commercial forestry plantation. The introduction of blade tips and hubs would likely be screened by intervening vegetation. The magnitude of impact has been assessed as No Change to an asset of High value, with the introduction of blade tips and hubs in peripheral views to the north unlikely to impact on the current setting. As such the significance of effect has been assessed as Neutral.</p>	5	2	3.9km	No Change	Neutral	NA
94	LB10368 Canmore ID 232398 MDG17962	Kirkmichael House	Category B Listed Building	<p>The building is located to the south of Kirkmichael Fell, just outside the hamlet of Parkgate. The building is surrounded by immediate open lawns with the edge of the property surrounded by a thin belt of mature trees. Views in all directions beyond this filtering are dominated by agricultural fields. Immediate views to the north west incorporate the adjacent farm and its ancillary buildings, however views further to the north are dominated by the presence of commercial forestry plantation and the Forest of Ae.</p> <p>Peripheral and distant views to the north incorporate the large scale commercial forestry plantation. The introduction of blade tips and hubs within one of the views from the house would introduce very minor changes to the setting of the house, with screening from localised vegetation likely to impact on these views. The magnitude of impact has been assessed as Negligible Adverse to an asset of High value. These changes would be unlikely to impact on the ability to understand and appreciate the house and their current setting. As such the significance of effect has been assessed as Slight Adverse.</p>	5	2	4.3km	Negligible Adverse	Slight Adverse	NA
Gardens and Designed Landscapes										
42	GDL00322	Raehills	Garden and Designed Landscape	<p>The Garden and Designed Landscape is located to the east of the Forest of Ae, and straddles both sides of the current A701. The immediate landscape surrounding the Garden and Designed Landscape contains a mix of large scale commercial forestry plantation immediately to the east and west, which includes the larger Hazelbank, Edwards Rig, and Moss plantations, supplemented by smaller woods such as Mollinhead and Barntimpen. Further afield to the south, the landscape opens up to the wider flood plain of the Kinnel Water and its many tributaries. In these areas the landscape is dominated by agriculture and dispersed settlement and structures.</p>	8	8	3.25km	Minor Adverse	Slight Adverse	Figure 5.14 Viewpoint 4

HA No.	Ref Number	Site Name	Designation	Setting and Assessment	No of tips visible (ZTV)	No of hubs visible (ZTV)	Distance to nearest turbine location	Magnitude of impact	Significance of Effect	VP Figure (where applicable)
				<p>The interior of the Garden and Designed Landscape surrounds a number of high and low areas of ground, with the Kinnel Water and its tributaries creating picturesque and attractive views towards the gorges and steep rock cut valleys. Higher ground allows for extensive views to the east, with the focus on views between a number of policy buildings and the main Raehills House. This is set against a backdrop of mature planted trees and gardens to the rear of the property. Key views from the house are directed east, across the picturesque Kinnel Water, and the designed gardens that have been established within its wider policies. Key views towards the building from its approach to the south present a grand and dominating structure, back clothed by mature trees and gardens. Large areas of commercial forestry plantation extend beyond this with pockets of dispersed harvesting and planting towards the core of the Forest of Ae.</p> <p>A wireframe has been produced, VP4 (Figure 5.14), illustrating that the majority of the towers, hubs and blades of T5 – T8 would be seen on the skyline, with the hub and blades of T4, the blade tip of T1, and half the blades length of T2 and T3. The visualisation illustrates that the foreground woodland would screen the majority of blades of T1, T2, T3, and hub of T4, so only the four turbines (T5-T8) would be noticeable appearing from behind the skyline.</p> <p>These peripheral and distant views from within open and elevated areas looking to the west incorporate the large scale commercial forestry plantation and the operational Harestanes Windfarm. The additional blade tips and hubs would only be visible from the higher ground along the eastern edge of the policies and would be backdropped against the current infrastructure with significant localised topography and screening likely to impact on these views. The magnitude of impact has been assessed as Minor Adverse to an asset of High value, with slight changes to setting with the introduction of both blade tips and hubs in distant views to the west from the A701. These changes are unlikely to impact on the ability to understand and appreciate the Garden and Designed Landscape, its extensive policies and structures, and any internal associations between structures within the wider estate. As such the significance of effect has been assessed as Slight Adverse.</p>						

HA No.	Ref Number	Site Name	Designation	Setting and Assessment	No of tips visible (ZTV)	No of hubs visible (ZTV)	Distance to nearest turbine location	Magnitude of impact	Significance of Effect	VP Figure (where applicable)
Archaeologically Sensitive Areas										
84	N/A	Whitestanes Moor	Archaeologically Sensitive Area (ASA)	<p>The ASA is located to the south east of the Forest of Ae, on the slopes of Whitestanes Moor, and identifies an area of upland which appears to have avoided inclusion of commercial forestry. The low slopes provide expansive views in all directions, with peripheral and distant views to the north and north east, dominated by the presence of the forest of Ae and the commercial plantation which covers the hills and extends beyond. This commercial aspect also stretches south down the western periphery of the ASA, with the presence of the operational Dalswinton Windfarm beyond. Key views relate to the intervisibility of the known heritage assets within the ASA and views outward from the hillside to the north and south along the Water of Ae.</p> <p>Distant views to the north east through to the west are dominated by the presence of commercial forestry plantation, the Forest of Ae, with the existing infrastructure associated with both the operational Harestanes Windfarm and Dalswinton Windfarm visible.</p> <p>The introduction of blade tips and hubs would only be visible from the higher ground along the eastern edge of the ASA. The magnitude of impact has been assessed as Minor Adverse to an asset of High value, with slight changes to setting with the introduction of both blade tips and hubs in distant views to the north east in the context of commercial forestry and the operational Harestanes Windfarm. Intervening and localised topography and vegetation may have some impact on these views. These changes are unlikely to impact on the ability to understand and appreciate the ASA and its extensive views. As such the significance of effect has been assessed as Slight Adverse.</p>	8	8	4.3km	Minor Adverse	Slight Adverse	NA
Non-Inventory Gardens and Designed Landscapes										
95	MDG25664	Kirkmichael House	Non-Inventory Garden and Designed Landscape	<p>The non-inventory Garden and Designed Landscape is located to the south of Kirkmichael Fell, just outside the hamlet of Parkgate. The Garden and Designed Landscape surrounds Kirkmichael House with immediate open lawns extending to the edge of the property surrounded by a thin belt of mature trees. Views in all directions beyond this filtering are dominated by agricultural fields. Immediate views to the north west incorporate the adjacent farm and its ancillary buildings, however views further to the north are dominated by the presence of commercial forestry plantation and the Forest of Ae.</p> <p>Peripheral and distant views to the north incorporate the large scale commercial forestry plantation alongside the operational Harestanes Windfarm beyond. The additional blade tips and hubs would be backdropped against the current infrastructure with significant localised topography and screening likely to impact on these views. The magnitude of impact has been assessed as Minor Adverse to an asset of High value, with slight changes to setting with the introduction of additional blade tips and hubs in peripheral views to the north. These impacts are unlikely to impact on the ability to understand and appreciate the non-inventory Garden and Designed Landscape and its association with the house. As such the significance of effect has been assessed as Slight Adverse.</p>	5	2	4.2km	Minor Adverse	Slight Adverse	NA

HA No.	Ref Number	Site Name	Designation	Setting and Assessment	No of tips visible (ZTV)	No of hubs visible (ZTV)	Distance to nearest turbine location	Magnitude of impact	Significance of Effect	VP Figure (where applicable)
99	MDG25645	Barony College	Non-Inventory Garden and Designed Landscape	<p>The non-inventory Garden and Designed Landscape is located to the south of the hamlet of Parkgate, to the south east of the A701. The undulating land to the south and south east leads to the mature banks which enclose the Water of Ae. The gardens to the west of the house comprise open lawn with a backdrop of mature planted woodland, which surrounds a small body of water. The walled garden to the south is enclosed and filtered by mature trees. Extensive views towards the Water of Ae are dominated by agricultural land. Key views relate to intervisibility between the various buildings and designed aspects within the landscape, and views towards the area from outside.</p> <p>Views to the north towards the Proposed Development are characterised with the presence of dispersed settlement and infrastructure with peripheral and distant views dominated by the presence of commercial forestry plantation. Views to the north west may also incorporate the presence of the Dalswinton Windfarm.</p> <p>The introduction of blade tips and hubs in peripheral views to the north would be screened by localised structures, topography and vegetation. The magnitude of impact has been assessed as Minor Adverse to an asset of High value, with slight changes to setting with the introduction of blade tips and hubs in views to the north. These changes are unlikely to impact on the ability to understand and appreciate the non-inventory Garden and Designed Landscape and its association with the walled garden and house. As such the significance of effect has been assessed as Slight Adverse.</p>	8	7	4.35km	Minor Adverse	Slight Adverse	NA
Undesignated Assets of National Significance										
35	Canmore ID 65963 MDG6418	Nether Dod Cairns	Undesignated Asset of National Significance	<p>The cairns are currently set on the northern edge of the summit of Big Knowe, with immediate open views within a small pocket of hillside which lacks commercial plantation. The summit commands views in all directions, with some larger hills to the north at Nether Dod and Killyminshaw Hill to the north west. The topography to the west dips steeply towards the Capel Water.</p> <p>The cairns current views are dominated in the first instance by the presence of significant large scale commercial forestry operations associated with the Forest of Ae. The hills to the north appear afforested, with small pockets of upland to the north east and east.</p> <p>Views to the south east incorporate the operational Harestanes Windfarm. The additional blade tips and hubs would be in the background of the current infrastructure with significant localised topography and screening likely to impact on these views. The magnitude of impact has been assessed as No Change to an asset of High value, with no changes to setting with the introduction of additional blade tips and hubs in views to the south east. As such the significance of effect has been assessed as Neutral.</p>	8	8	3.65km	No Change	Neutral	NA
Undesignated Assets of Regional Significance										
23	Canmore ID 66372 MDG6753	Blue Cairn	Undesignated Asset of Regional Significance	<p>The cairn is located on the south west slopes of Hareshaw Rig overlooking the Duple Burn to the north west. There are several turbines associated with the operational Harestanes Windfarm in close proximity in all directions. The immediate landscape comprises extensive and active commercial forestry operations with active felling and planting taking place.</p> <p>Views to the south and south west towards the Proposed Development would be seen through the current infrastructure and commercial forestry operations of the operational</p>	8	8	4.7km	No Change	Neutral	NA

HA No.	Ref Number	Site Name	Designation	Setting and Assessment	No of tips visible (ZTV)	No of hubs visible (ZTV)	Distance to nearest turbine location	Magnitude of impact	Significance of Effect	VP Figure (where applicable)
				Harestanes Windfarm and the forest of Ae. The magnitude of impact has been assessed as No Change to an asset of High value, with no changes to setting with the introduction of additional blade tips and hubs in views to the south. As such the significance of effect has been assessed as Neutral .						
28	MDG21522	Irvine's Pillar	Undesignated Asset of Regional Significance	<p>The standing stone is located to the north west edge of the forest of Ae, to the south west of Craih Hill. The current landscape in which the asset is located comprises upland grazing, with open and extensive views along the length of the Bran Burn. To the east and south, the commercial forestry plantation of the forest of Ae forms a visual barrier to this upland landscape. Infrastructure related to the operational Harestanes Windfarm are located in peripheral views to the south east, with immediate views to the south dominated by the slopes of Upper and Nether Dod.</p> <p>Distant views to the south east towards the Proposed Development would be seen through the current infrastructure and commercial forestry operations of the operational Harestanes Windfarm and the forest of Ae. Additional blade tips and hubs would be visible in these views to the rear of the current infrastructure with significant localised topography and screening likely to impact on these views. The magnitude of impact has been assessed as No Change to an asset of High value, with no changes to setting with the introduction of additional hubs in views to the south east. As such the significance of effect has been assessed as Neutral.</p>	8	8	5km	No Change	Neutral	NA
40	Canmore ID 66405 MDG6784	Kinnel Knock	Undesignated Asset of Regional Significance	<p>The site of the beacon is located to the east of the current A701, within the Hazelbank Plantation on the summit of Kinnel Knock. The prominent ridge affords views across the flat open flood plain of the Kinnel Water to the west, and to the south west towards the town of St Ann's. Key views are likely to include views towards the beacon from surrounding areas including the village of St. Ann's. There may also be intervisibility between the Blue Cairn beacon to the north west. Significant dispersed settlement, infrastructure and commercial forestry plantation are absorbed into views in all directions.</p> <p>Distant views to the west towards the Proposed Development are dominated by the presence of the Forest of Ae and the vast commercial forest plantation associated. The infrastructure associated with the operational Harestanes Windfarm is visible to the edge of these views to the north west, with the additional blade tips and hubs adding to this line of turbines with the existing infrastructure in the background. Significant intervening screening and localised topography would likely impact on these views. The magnitude of impact has been assessed as Negligible Adverse to an asset of High value, with very minor changes to setting with the introduction of additional hubs in views to the west. These changes are unlikely to impact on the key views and the ability to understand and appreciate the beacon and its current setting. As such the significance of effect has been assessed as Slight Adverse.</p>	8	8	4.75km	Negligible Adverse	Slight Adverse	NA

Harestanes South Windfarm Extension Project Team

ScottishPower Renewables
9th Floor ScottishPower Headquarters
320 St Vincent Street
Glasgow
G2 5AD

HarestanesSouthWindfarm@scottishpower.com

