

Chapter 4

Residential Receptor Survey for the Logiealmond Wind Farm Proposal

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4 RESIDENTIAL RECEPTORS SURVEY

4.1 Introduction

- 1 This report has been prepared to provide clarification regarding the potential effects of the Logiealmond Wind Farm proposal on Residential Amenity. The residential assessment has been undertaken in order to assist the Public Inquiry and provide a general appreciation of the potential effects on residential visual amenity.

4.2 Study Area

- 2 The survey analysed the residential properties that are contained within a 3km radius study area from outer turbines of the Logiealmond Wind Farm proposal. This study area includes dwellings with the potential for significant effects in accordance with the conclusions of the LVIA (Chapter 6 Environmental Statement July 2007).
- 3 The properties included were initially identified through a desktop analysis of detailed visibility maps within the study area, and residential properties occurring within the zone of visibility were included, as shown on the Residential Receptor Location Plan (Figure 4.1). This was followed up with a field survey to verify findings of the desk study and identify the number of properties gaining potential views of the wind farm. This survey recorded site specific factors including the orientation of dwellings, direction to visible turbines, location of windows and the extent of screening associated with local woodland/tree cover and intervening buildings. The locations of properties included are shown on Figures 4.1 – 4.8 and are described in Table B.
- 4 Properties have been assessed either as individuals or as groups, where they occur in close proximity and where the residents share a similar view towards the wind farm.

4.3 Methodology

- 5 The residential receptor survey and assessment has been undertaken in accordance with the methodology detailed within the Environmental Statement (July 2007) and is based on the following best practice guidance:
 - Guidelines for Landscape and Visual Assessment (Landscape Institute and Institute of Environmental Management and Assessment 2002).
- 6 The methodology is summarised below.

4.3.1 Receptor Sensitivity

- 7 As described in the LVIA methodology Chapter 6.3, residential properties are assessed as High sensitivity to change. The criteria used to define a receptor of high sensitivity are given below:

- 8 High: Principal views from residential properties, strategic recreational footpaths and views from important landscape features, beauty spots and picnic areas. (Section 6.3, Environmental Statement July 2007).
- 9 It is recognised that in consideration of the potential effects on visual amenity experienced by residents that 'views from rooms normally occupied during waking/daylight hours and are generally deemed to be more important than those used for sleeping, from which only occasional views may be obtained' (Paragraph 7.30 Guidelines for Landscape and Visual Assessment (2002). In general, rooms on the ground floor have been considered principal views, but there may be exceptions to this.

4.3.2 Magnitude of Change

- 10 The magnitude of change at any particular property is described as substantial, moderate, slight or negligible based on interpretation of the following parameters:
- Distance of the property from the development;
 - Extent of the development in the view;
 - Angle of view in relation to orientation of the property;
 - Proportion of the view occupied by the development;
 - Background to the development;
 - Extent of other built development visible, in particular vertical elements.
- 11 The magnitude of change at any residential property would be influenced by the angle of view to the wind farm from the property and takes into account the screening effect of intervening landscape elements such as local landform and vegetation (woodland, tree cover and hedges).

4.3.3 Significance of Effects

- 12 The significance of any identified visual effect has been assessed in terms of major, moderate, minor or none. These categories have been based on combining sensitivity of the receptor and predicted magnitude of change, to determine significance of effects:

Table A: Significance of visual impact

	Magnitude of Change			
		Substantial	Moderate	Slight
High	Major*	Major/ Moderate*	Moderate	Moderate/ Minor
Medium	Major/ Moderate*	Moderate	Moderate/ Minor	Minor
Low	Moderate	Moderate/ Minor	Minor	Minor/None

- 13 Where the landscape or visual effect has been classified as Major or Major/ Moderate this is considered to be equivalent to likely significant effects referred to in the Town and Country Planning (Environmental Impact Assessment) (Scotland) Regulations 1999. The conclusion that some effects are 'significant' must not be taken to imply that they are necessarily adverse

or should warrant refusal. As with many aspects of visual assessment, significance of effect also needs to be qualified with respect to the scale over which it is felt. An effect may be locally significant, or significant with respect to a small number of receptors, but not significant when judged in a wider context.

4.4 Residential Assessment

- 14 The detailed findings of the assessment are shown in Table B which shows the predicted magnitude of change and significance of the identified effects in the context of any screening which may be present, in relation to the specific views from each property or group of properties. A summary of this assessment is presented in Table C which enables the residential properties to be ranked according to the nature of impact to identify which properties would be the most affected, with potentially significant effects highlighted in blue.
- 15 The residential properties shown on Tables B and C and on the location plans (Figures 4.1 – 4.8) occur primarily within Strathbraan, West of Bankfoot, Glen Shee, Logiealmond and Glenalmond. A summary of the findings are presented below.

4.4.1 Glen Quaich

- 16 The eastern extents of Glen Quaich are located to the west of Amulree at a distance of 6.0km – 7.0km to the northwest of the proposed site, as shown on Figure 4.2. A representative visualisation illustrating the view from within Glen Quaich is shown in ES viewpoint 11. The residents of Lynemore (P1 & P2) would be the only dwellings identified to experience visibility. The residents would experience open views east towards the upper parts of 2No turbines. The effects upon these dwellings are considered to be of major / moderate significance.

4.4.2 Strathbraan

- 17 The western and central sections of Strathbraan extending from Amulree to Aldville Bridge are described with reference to Figures 4.2 – 4.3. Representative visualisations illustrating the view from within Amulree, the western and central sections of Strathbraan are shown in ES viewpoints 1, 2, & 3. There would be no visibility of the proposed appeal site from the minor settlement of Amulree, with further visual analysis confirming the extent of woodland vegetation associated with Kinloch House would generally restrict potential views from the principal house and surrounding dwellings. There would be no views from the isolated dwelling of Girron, with the residents of Lochan lodge, Lochan Cottages and Clashcat Cottage (P3 – P5) also not considered to experience significant effects. In the vicinity of Amulree and Kinloch House only the residents of Cablea, Dalreoch and Kinloch South Lodge would experience generally open views in a southerly direction which are considered to be significant.
- 18 Over the section of Strathbraan from Kinloch House to Aldville Bridge visibility of parts of the wind farm would potentially be experienced in views from a number of dwellings including Deanshaugh (P14), Ballachraggen (P15-16),

- Dullator (P17), Tomnagrew (P20), Tomnagarin (P21) and Meikle and Little Tombane (P24, P25) with significant effects on visual amenity predicted, although variable local screening associated with adjacent buildings and tree cover is present as detailed in Table B. Borelick (P22) consists of 5No dwellings, of which 4No would experience effects with the residents of the Farmhouse and Fearnraig most significantly affected. No significant effects would be experienced by the residents of Little Findowie (P19).
- 19 The eastern section of Strathbraan extending from Aldville Bridge to Rumbling Bridge is described with reference to Figure 4.4. Representative visualisations illustrating the view from within the eastern section of Strathbraan are shown in ES viewpoints 7 & 9. There would be no visibility from Meikle Findowie to the south of the River Braan. The residents of Drumour Farm, Drumour Steading and Drumour Cottage (P27-28) are located on the rising slopes below Torr Beag and would experience significant effects as a result of the elevated open views towards the proposed appeal site. The extent of tree cover surrounding the Corbenic Community would screen most of the views towards the wind farm from the on site dwellings with Drumour Lodge (P30) and Lochran House / Tom na Croiche (P31) the only dwellings considered to be significantly affected.
- 20 Further east within Strathbraan the settlement of Trochry (P34-P37), which consisting of 18No dwellings, located approximately 5.0km-5.3km northeast of the appeal site would experience no visibility due to localised landform and the extent of tree vegetation present. Little Trochry (P38) a short distance to the east of Trochry would also not experience significant effects on visual amenity.
- 21 North of Trochry flanking the Old Military Road a number of scattered dwellings are located on the rising lower slopes of Creag Bheag and have potential for visibility of the proposed wind farm. The residents include Ballinloan Farmhouse (P40-P41), Ballinlick Farmhouse and Cottage (P42 & P44) and Meikle Logie (P45-P46) with significant effects upon visual amenity predicted. The residents of Wester Ballinloan (P39), Ballinloan Cottage (P40) and Rumbling Bridge Cottage (P48) would experience no view of the wind farm with the residents of Lagganallachie (P47) likely to experience heavily filtered winter views only considered to be of no significance.

4.4.3 West of Bankfoot

- 22 The area to the west of the settlement of Bankfoot comprises of primarily scattered farmsteads 5.7-6.7km to the east of the proposed appeal site, as shown on Figure 4.5. The potential visibility of the wind farm is limited due to the undulating nature of the landscape which restricts wider views from low lying areas. The dwellings within this area likely to experience significant effects as a result of the proposed development is limited to Berryhill Farmhouse and 1No converted barn immediately adjacent (P52). Residents would experience filtered views of part of the wind farm from ground and upper floors. The remaining farmsteads and dwellings assessed (P49-52 & P53-58), are considered unlikely to be significantly affected. 7No dwellings (P49-53 & P56) are considered to experience no view due to screening by landform, adjacent buildings or vegetation and 4No dwellings (P55-58) only to experience partial / heavily filtered views or confined views from small upper floor single windows on the gable ends.

4.4.4 *Glen Shee*

- 23 The assessment of the residential dwellings within Glen Shee is described with reference to Figures 4.5 and 4.6. A representative visualisation illustrating the view from within Glenshee is shown in ES viewpoint 4. Glen Shee lies to the east of the appeal site and extends in a south easterly direction towards the extents of Logiealmond and the 7km study area boundary. Within Glen Shee there would be no visibility from Old School House (P63), Cockerstone Farmhouse (P64), 1No Cockerstone Cottage (P65), Westerton Farmhouse (P66), Shenval Converted Barns (P67), Head of Moulin (P71) Mains of Moulin (P72), Burmieston (P74), Saddlebank (P76) and Shannock (P77). The views from these dwellings are in many cases restricted by adjacent agricultural buildings, dense tree vegetation or no windows are present in the side of the dwelling orientated toward the turbines.
- 24 Of the remaining dwellings assessed the most significantly affected dwellings are considered to be Woodend Cottage (P61), Shenval Farmhouse (P67), Shenval Farm Cottage (P68), Little Glen Shee (P70) and Myreton Farmhouse (P73) which would experience open principal views towards the proposed wind farm.

4.4.5 *Logiealmond*

- 25 Logiealmond is situated approximately 4.5-5.0km to the south of the appeal site located along the east-west orientated B8063, immediately north of the River Almond. A representative visualisation illustrating the view from within Logiealmond is shown in ES viewpoint 5. The assessment of the residential dwellings within Logiealmond is described with reference to Figures 4.6 and 4.7.
- 26 Within Logiealmond in the vicinity of Chapelhill (P79-P98) there are a limited number of dwellings likely to experience significant effects. The extent of fragmented localised tree and garden vegetation as well as adjacent buildings, lack of windows present and localised landform limit potential open views towards the fell skyline and proposed wind farm. The most significantly affected dwellings are considered to be Drumharrow Cottage (P79), Drummond Park Farmhouse (P82), Chapelhill Smiddy (P91) and Finlaggan House (P92). The views from these dwellings are partially filtered, although with regard to the number of turbines and extent of the view occupied the effect is considered to be a substantial / moderate magnitude of change and of Major / moderate significance. The residents of Cedar House (P93), Hollyhill Cottage (P94), 1No Groan Cottage (P97) are also considered to experience significant effects. All remaining dwellings within the vicinity of Chapelhill would not experience significant effects.
- 27 Continuing to the west within Logiealmond towards Harrietfield from the Millhaugh Bridge Junction the number of residents likely to experience significant effects remains limited. Due to the localised landform and low lying position of the dwellings in the vicinity of the junction the residents of Castlemalloch (P99); dwelling southwest of Sandyknowe (P100) and Bridgend of Arditte (P101) would not experience significant effects. Towards Harrietfield the most significantly affected receptors would include Vallivore (P106) and the new build dwelling southeast of Kindrumpark Farmhouse (P109), considered to experience open views towards the fell skyline of major significance. The residents of Ballandee would also experience significant

effects, although views are heavily filtered by localised plantation. The remaining dwellings between Millhaugh Bridge Junction and Harrietfield which includes Marybank (P104), Laverockbank (P107) and Kindrumpark Farmhouse (P108) would not be significantly affected by the proposed wind farm.

- 28 Within Harrietfield (P110) visibility of the proposed wind farm would be primarily limited to the dwellings located along the northern edge of the settlement. The settlement contains approximately 25 dwellings with only 11 likely to experience views towards the fell skyline. Of the 11 dwellings with visibility the 8 located on the northern fringe (Beechwood – Kirkside) are considered to experience effects of major significance, with 1 dwelling north of the B8063 major / moderate. The remaining 2 dwellings with potential visibility 14 with no visibility are considered not to be significantly affected by the proposed wind farm.
- 29 West of Harrietfield within the remaining parts of Logiealmond the only dwellings likely to experience significant effects includes Tullymoran (P111), Milton House (P114), Kipney Farmhouse (P115), Bonellas Cottage (P116) and Francesfield Cottage (P109). These residents would experience either partially filtered or open views towards the fell skyline and proposed turbines. All remaining dwellings within would not be significantly affected by the appeal site proposals.

4.4.6 *Glenalmond*

- 30 The section of Glenalmond south of the River Almond is situated approximately 6.0km to the south of the appeal site. A representative visualisation illustrating the view from within Glenalmond is shown in ES viewpoint 8. The assessment of the residential dwellings within Glenalmond is described with reference to Figure 4.7 – 4.8.
- 31 The elevated position of Glenalmond above Logiealmond provides potential for views in a northerly direction towards the fell skyline and the proposed appeal site, limited by the screening effect of local plantation woodland.
- 32 To the east of Glenalmond College visibility of parts of the wind farm would potentially be experienced in views from dwellings including Pickston (P122), Campsie House (P123), Easter Campsie (P124), Almond Cottage (P125) and Wester Campsie (P126). The residents of Wester Campsie are considered to be the most significantly affected receptor experiencing both upper and ground floor views of major significance.
- 33 Within Glenalmond College (P129) the effect of the proposals has been assessed on the residential buildings within the campus. The extent of mature and established mixed vegetation in the vicinity of the college filters and restricts views from the residential buildings limiting the predicted significant effects to the Main Building, Gate House and 2 other residential blocks (highlighted on Figure 4.7). All remaining residential buildings / dwellings within the college would not be significantly affected.
- 34 West of Glenalmond College the residents of The Cairnies (P133), Law Cottage, St Barbaras, 3 un-named dwellings (P135) and South Cairnies Farm (P136) would not experience significant effects due to the extent of mature mixed plantation present which provides enclosure to these dwellings

and restricts views northwards. A small number of dwellings experience predominantly open views towards the fell skyline, these include Cairnies Cottage and Mains of Cairnies Farm (P131), Mains of Cairnies and Annfield Cottage (P137). The effect upon these 4No dwellings is considered to be of major significance.

- 35 Continuing west the River Almond and associated riverside tree vegetation becomes more prominent increasing the enclosure and limiting the number of dwellings with open views towards the fell skyline. Only the residents of 4No dwellings within the East Tulcan Farmhouse and Steading (P139) and Tulcan Lodge (P140) would experience open views towards the proposed appeal site, with the dwellings of West Tulcan (P142) and Tulcan Croft (P144) although obtaining filtered views, are also considered to experience significant effects. The extent of vegetation present within this westerly section of Logiealmond results in insignificant effects upon a number of dwellings including Tulcan Cottage and Birch Lodge (P141), Easter Buchanty (P145), South Buchanty (P146), Stroness and Bridge of Buchanty Cottages (P147) and Fianoch and West Buchanty (P148).

4.5 Conclusions

- 36 The aim of the survey of residential amenity is to identify and predict visual effects on residential properties within a 7km radius from the proposed Logiealmond wind farm. In total the potential effect on visual amenity has been considered at approximately 254 dwellings within a 7km radius and the findings are summarised in Tables B and C, with property locations shown on Figures 4.1 – 4.8.
- 37 Dwellings located within the eastern extents of Glen Quaich, Strathbraan, West of Bankfoot, Glen Shee, Logiealmond and Glen Almond have the potential for significant effects on the visual amenity of residents, although the effects are limited to concentrated locations where residents primarily experience open or partially filtered views in the direction of the proposed wind farm.
- 38 Within Strathbraan significant effects would be potentially experienced in views from 49% of occupied dwellings, 26% of the dwellings within Strathbraan would experience open views towards the appeal site. With consideration to the potential cumulative effects resulting from the proposed Logiealmond wind farm and the consented Griffin wind farm verification through site analysis can confirm only 15 of the 39 dwellings considered to receive significant effects as a result of the Griffin wind farm would experience significant cumulative effects.
- 39 To the west of Bankfoot no dwellings would experience open views towards the proposed appeal site. Only 2 of the 11 dwellings with potential visibility would experience significant effects resulting from partially filtered views. Across Glen Shee 6 dwellings out of 22 with potential visibility would experience significant effects and of these 4 would experience open views towards the appeal site.
- 40 Throughout Logiealmond 31 out of the 78 dwellings with potential visibility are considered to experience significant effects, with only 13 dwellings obtaining open views, and within Glenalmond significant effects would be potentially experienced in views from 48% of the dwellings assessed. Only 16% of the

dwellings with potential visibility within Glenalmond would experience open views towards the appeal site.

- 41 The survey of residential amenity has confirmed that the main areas affected are Strathbraan and Glenalmond where the nature of the landscape provides discreet areas of elevated dwellings with open unrestricted views towards the fell skyline. However, overall the number of affected properties is limited. Overall out of all the dwellings within a 7km radius of the appeal site with potential visibility 44% would experience significant effects, but this should be qualified given the partially restricted nature of views from many dwellings where significant effects have been identified. Only 8 dwellings within a 3km radius of the site would experience significant effects.

4.5.1 Residential Properties Assessment

Table B: Residential Properties Assessment

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
Glen Quaich									
P1 288046 736389	Lynemore Bungalow (1No. dwelling)	6.2km	2b 1h	E	E/SE	Front ground floor open views of fell skyline towards the proposed turbines.	Moderate	Major /moderate Significant	No
P2 288464 736543	Bungalow to the east of Lynemore (1No. dwelling)	5.8km	2b 1h	E	E/SE	Front ground floor open views of fell skyline towards the proposed turbines.	Moderate	Major /moderate Significant	No
Strathbraan									
P3 289652 736958	Lochan Cottages Terrace No1-3 (3No Dwellings)	4.7km	1b 0h	S	S/E	Gable end ground and upper floor views from dwelling No1 only. A very oblique view from front of No's 1-3. All views from dwellings towards 1No blade tip partially restricted by coniferous plantation immediately adjacent to dwellings.	Slight (1No) Negligible (2No)	Moderate Not significant Moderate / minor Not significant	No
P4 289412 736977	Lochan Lodge (2No dwellings)	4.9km	3b 0h	S	S/E	Heavily filtered oblique ground and upper floor views from front of dwellings. Gable end views in direction of 3No potentially visible blade tips from 1No dwelling. During summer months when tree vegetation surrounding dwellings in leaf views considered to be unlikely.	Slight (2No)	Moderate Not significant	No
P5 288723 737037	Clashcat Cottage (1No dwelling)	5.6km	3b 1h	S	S/E	Views restricted by localised landform and plantation. No gable end windows.	Negligible / none	Minor / none Not significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P6 290873 737787	Newton of Ballinreigh (1No dwelling)	3.8km	3b 3h	S/SE	SE	Generally open views towards the fell skyline and 3No visible turbines. Due to the restricted access and appearance of the dwelling it is considered to be currently unoccupied.	-	-	-
P7 291768 737888	Glenfender (1No dwelling)	3.1km	4b 3h	NW	SE	View towards turbines and fell skyline screened by woodland adjacent to the dwelling, potential for heavily filtered views in winter only.	Moderate / slight	Moderate Not significant	No
P8 292168 737770	Dalreoch (2No dwellings)	2.7km	4b 3h	NW SW	SE	Open view from the rear of the principal dwelling and open views from the side of the converted barn dwelling towards the 3No hubs and 1No blade tip potentially visible.	Substantial / moderate (2No)	Major / major moderate Significant	No
P9 291844 738488	Cablea (1No dwelling)	3.5km	8b 7h	S	SE	Open views from front of farmhouse, with limited screening by adjacent trees.	Substantial	Major Significant	No
P10 291667 738713	Kinloch West Lodge (1No dwelling)	3.7km	8b 7h	S	SE	No views due to the mature evergreen vegetation to the south of the dwelling.	Negligible / none	Minor / none Not significant	No
P11 291807 738661	Milton (1No dwelling)	3.6km	8b 7h	S/SW	SE	Views restricted by mature dense vegetation cover to the south of the dwelling.	Negligible / none	Minor / none Not significant	No
P12 292050 738458	Kinloch South Lodge (1No single storey dwelling)	3.3km	8b 7h	SE	SE	Views from front of dwelling towards turbines partially screened by roadside trees and garden vegetation.	Substantial / moderate	Major / major moderate Significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P13 291965 738669	Kinloch House (1No dwelling)	3.5km	8b 7h	S/SW	SE	Views generally restricted by established woodland vegetation surrounding the dwelling. Potential for heavily filtered views towards the turbines during winter months only.	Slight	Moderate Not significant	No
P14 292492 738551	Deanshaugh (1No dwelling)	3.1km	8b 7h	S	SW	Open views from front of the dwelling from ground and upper floors.	Substantial	Major Significant	No
P15 293610 738693	Wester Ballachraggan (2No dwellings)	2.7km	7b 7h	S NE	S	Open views from the front of the south facing dwelling. Open side views from dwelling orientated NE.	Substantial	Major Significant	No
P16 293984 738856	Ballachraggan Cottage (1No dwelling)	2.8km	7b 6h	SE	SE	Open views from the front of the dwelling towards the fell skyline and proposed turbines.	Substantial	Major Significant	No
P17 293603 738255	Dullator (1No dwelling)	2.3km	7b 6h	S	S/SE	Open views from front of dwelling towards fell skyline and proposed turbines.	Substantial	Major Significant	No
P18 293999 738341	Aldmad (1No dwelling)	2.3km	6b 5h	SE	SE	Open views from front of dwelling towards fell skyline and proposed turbines.	Substantial / moderate	Major / major moderate Significant	No
P19 294849 738570	Little Findowie (1No dwelling)	2.6km	1b 0h	NE/SW	S	Open views from rear of dwelling. Due to localised landform to immediate south of dwelling it is considered likely upper floor views only would be experienced of the 1no blade tip.	Moderate / slight	Moderate Not significant	Yes

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P20 294386 739204	Tomnagrew & Tomnagrew House (2No dwellings)	3.2km	8b 6h	S	S	Views from front ground floor of Tomnagrew partially restricted by adjacent buildings which includes Tomnagrew House. Upper floor views partially filtered by localised tree vegetation. Oblique front and gable end views from Tomnagrew House filtered by mixed established tree (and shrub) vegetation associated with dwelling and access track.	Moderate (1No) Substantial / moderate (1No)	Major / moderate Significant Major / major moderate Significant	No
P21 294700 739793	Tomnagarin Farmhouse & Tomnagarin Cottage (Single Storey) (2No dwellings)	3.8km	9b 5h	SE	S	Open views towards the fell skyline and proposed turbines from the front of the Farmhouse and adjacent cottage.	Substantial / moderate	Major / major moderate Significant	Yes
P22 295362 739702	Borelick: Dalgowan, Fhearnaig, Farmhouse & Bothy, Daldownie, Torbeg. (4No dwellings with visibility, 5No in total)	3.8km	8b 7h	SW SE SE NW NE	S	The residents of Dalgowan would experience front oblique views towards the fell skyline, partially restricted by the dwelling of Fearnaig. The residents of Fearnaig and the Farmhouse & Bothy would experience open views towards the fell skyline and proposed turbines. The residents of Daldownie would experience no views due to the neighbouring dwellings in the development. The residents of Torbeg would experience rear and gable end oblique views towards the fell skyline and proposed turbines, potentially partially restricted by adjacent buildings.	Substantial (2No) Substantial / moderate (2No) Negligible (1No)	Major Significant Major / major moderate Significant Moderate / minor Not significant	Yes

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P23 295792 739626	Aldville (1No dwelling)	3.9km	8b 5h	SE	S	Ground floor views from front of house predominantly screened by road embankment. Upper floor oblique heavily filtered views from front and side as a result of garden vegetation and intervening tree vegetation.	Moderate - moderate / slight	Major /moderate - moderate Significant	Yes
P24 295223 739941	Little Tombane & The Smithy (2No dwellings)	4.0km	9b 7h	NE E	S	Residents of Little Tombane and The Smithy would experience open views from the side of the dwelling.	Substantial	Major Significant	No
P25 294823 740132	Meikle Tombane Farmhouse & Gamekeepers Cottage (2No dwellings)	4.1km	10-12b 6-8h	E/SE S/SW	S	Residents of Meikle Tombane farmhouse would experience open views from side of dwelling towards the fell skyline. The residents of Gamekeepers Cottage would experience open views towards proposed turbines partially filtered by garden vegetation.	Substantial (2No)	Major Significant	Yes
P26 296068 739730	Bungalow on A822 (1No dwelling)	4.0km	7b 5h	SW	S	Partially oblique open views towards fell skyline and proposed turbines. Partially filtered by localised roadside tree vegetation.	Substantial	Major Significant	No
P27 269373 739858	Drumour Farm & Steading (2No dwellings)	4.3km	13b 6h	S S	S/SW	Open ground floor and upper views towards the fell skyline from the front of the farmhouse. Ground floor views from the front of the Steading partially filtered by limited vegetation.	Substantial (2No)	Major Significant	No
P28 296556 739950	Cottage east of Drumour Farm (1No dwelling)	4.5km	14b 11h	S/SE	S/SW	Oblique open front ground floor views towards the fell skyline and proposed turbines.	Substantial (2No)	Major Significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P29 296617 739688	Drumour School House (1No dwelling)	4.3km	6b 4h	S	S/SW	Ground floor views towards the fell skyline and proposed turbines primarily restricted by localised woodland, upper floor views considered to be partially filtered views.	Moderate - moderate / slight	Major / moderate - moderate Significant	No
P30 297268 739791	Corbenic Camphill Community: Drumour Lodge (3No dwellings within 1 Property)	4.7km	14b 11h	S/SE	SW	Filtered oblique upper floor views towards the turbines from the front of the building. Upper floor gable end views heavily filtered / restricted by localised mature coniferous vegetation.	Moderate (3No)	Major / moderate Significant	Yes
P31 297158 739949	Corbenic Camphill Community: Lochran House / Tom na Croiche (1No dwelling)	4.8km	14b 11h	SW	SW	Open views towards fell skyline and proposed turbines.	Substantial	Major Significant	Yes
P32 297280 739924	Corbenic Camphill Community: Drumour Kennels (1No dwelling)	4.8km	14b 11h	S/SE	SW	No views due to extent of localised mature coniferous vegetation and woodland.	Negligible	Moderate / minor Not significant	Yes
P33 297311 739861	Corbenic Camphill Community: 1No un-named dwelling	4.8km	14b 11h	S/SE	SW	No views due to extent of localised mature coniferous vegetation and woodland.	Negligible	Moderate / minor Not significant	-
P34 297751 739878	Achnacarry (1No dwelling)	5.0km	2b 0h	SE	SW	No views due to the low lying position of the dwelling, localised landform and the extent of mixed woodland present within the vicinity of the dwelling.	Negligible / none	Minor / none Not significant	Yes

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P35 297781 739908	Ardfern (1No single storey dwelling)	5.1km	3b 2h	S/SE	SW	No views due to localised landform and the extent of mixed woodland present within the vicinity of the dwelling.	Negligible / none	Minor / none Not significant	Yes
P36 297879 739902	Old Manse Of Strathbraan (1No dwelling)	5.1km	3b 2h	NW	SW	No views due to localised landform and the extent of mixed woodland present within the vicinity of the dwelling.	Negligible / none	Minor / none Not significant	Yes
P37 297864 740076	Trochry: Shian Cottage Meikle Trochry (4No dwelling) Beech Grove Rowan Cottage Un-named dwelling Craignossie Larchmoors River Terrace (2No dwellings) Timber Lodge River Lodge Trochry Mill (15No dwellings in total)	5.2km	7b 4h	SE NE SW SW S W W S/SE NW NW SE	SW	No views due to localised landform and the extent of mixed woodland present within the vicinity of the dwelling.	Negligible /none (15No)	Minor / none Not significant	Yes
P38 298700 740190	Little Trochry (1No dwelling)	5.6km	9b 6h	NE	SW	Potential rear oblique views towards northern extents of wind farm from 1No window on the ground floor. Visibility of turbines likely to be restricted by forestry and adjacent farm buildings. Views from side window restricted by adjacent farm buildings.	Moderate / slight	Moderate Not significant	Yes

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P39 297134 740840	Wester Ballinloan (1No dwellings)	5.5km	0b 0h	S/n	SW	Views towards turbines from both dwellings considered to be restricted by localised landform and coniferous plantation.	Negligible / none	Minor / none Not significant	Yes
P40 297134 740840	Ballinloan Farmhouse & Ballinloan Cottage (1No dwelling with visibility, 2No in total)	5.5km	10b 8h 6b 2h	S/SE E/W	SW	Potential upper floor oblique views from Farmhouse towards proposed turbines, partially restricted by landform and coniferous plantation. Ground floor views restricted. Views towards turbines from cottage considered to be restricted by localised landform and tree vegetation.	Substantial / moderate (1No) Negligible (1No)	Major / major moderate Significant Moderate / minor Not significant	Yes
P41 297700 740772	Newton of Ballinloan (1No dwelling)	5.8km	14b 11h	S	SW	Open upper floor views towards the proposed turbines. Potential for intervening coniferous plantation and skyline tree to partially restrict / filter ground floor views.	Substantial	Major Significant	Yes
P42 297987 740828	Ballinlick Farmhouse (1No dwelling)	6.0km	14b 11h	S	SW	Open views towards the fell skyline and proposed turbines.	Substantial	Major Significant	No
P43 297987 740828	Outfields of Logie (Inaccessible dwelling assume 1No dwelling in total and occupied)	6.4km	14b 14h	S/SE	SW	Through desk study assessment of map data and wind farm software it is considered open views towards the fell skyline and proposed turbines.	Substantial	Major Significant	-.
P44 297987 740828	Ballinlick Cottage (1No single storey dwelling)	6.0km	14b 11h	SE	SW	Front ground floor oblique views and gable end views towards the fell skyline. Views slightly filtered by localised individual tree vegetation associated with roadside.	Substantial	Major Significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P45 298597 741125	Converted Barn NW of Meikle Logie (1No single storey dwelling)	6.5km	14b 13h	S/SW	SW	Open front views towards the fell skyline and proposed turbines.	Substantial	Major Significant	No
P46 298692 741095	Meikle Logie Farmhouse (1No dwelling) (Note: 2No additional dwellings under construction)	6.5km	14b 12h	S/SE S/SE	SW SW	Open front and side views from the dwelling towards the fell skyline and proposed turbines.	Substantial (1No)	Major Significant	No
P47 299050 740980	Lagganallachie (1No dwelling)	6.5km	14b 9h	n	SW	Rear oblique views heavily filtered by established woodland copse surrounding the southern extents of the dwelling. It is considered during summer months when vegetation in full leaf no view would be experienced.	Moderate / slight	Moderate Not Significant	No
P48 299667 741037	Rumbling Bridge Cottage (1No dwelling)	6.9km	9b 6h	S/SE	SW	No view due to localised landform, established plantation and woodland vegetation.	Negligible / none	Minor / none Not significant	No
West Of Bankfoot									
P49 303067 736812	Upper Obney Farmhouse (1No dwelling)	6.7km	6b 2h	NW	SW	Views from single upper floor and 2No ground floor windows orientated SW towards turbines restricted by adjacent agricultural buildings. It is considered no view would be experienced.	Negligible / none	Minor / none Not significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P50 302215 736165	Gibbieston (1No dwelling)	5.7km	1b 1h	SE	W/SW	No view. Views west from dwelling screened by mature coniferous boundary vegetation.	Negligible	Moderate / minor Not significant	No
P51 303041 735851	Balquharn (1No dwelling)	6.5km	6b 0h	S	W	Due to localised landform and the extent of mixed woodland to the immediate west of the dwelling it is considered unlikely residents would experience views of the 6No blade tips potentially visible.	Negligible	Moderate / minor Not significant	No
P52 302887 734845	Berryhill Farmhouse & 3No Converted Barns (2No dwellings with visibility, 4No in total)	6.2km	9b 5h	S 2s 1e	W	Partially filtered rear ground and upper views from the converted barn orientated east. Side upper views from principal farmhouse partially filtered by mature trees with ground floor views from both dwellings filtered clipped hedge on western boundary. No view from 2No south facing dwellings.	Moderate (2No) Negligible / none (2No)	Major / moderate Significant Minor / none Not significant	No
P53 303192 734471	Ordie House (1No dwelling)	6.5km	1b 0h	SE	W	No views due to dense brookside vegetation, the low lying position of the dwelling and nature of localised landform.	Negligible / none	Minor / none Not significant	No
P54 303610 734389	Little Tullybelton (1no derelict unoccupied dwelling)	6.9km	7b 2h	S	W	Unoccupied/ derelict.	-	-	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P55 303322 734259	Tullybelton Old Farmhouse (1No dwelling)	6.6km	4b 0h	E	W	Heavily filtered ground floor rear views towards fell skyline and proposed turbines. Upper floor partially filtered views from skylights. Views filtered by localised garden tree vegetation.	Moderate / slight	Moderate Not significant	No
P56 303266 734221	Corrielea House (1No dwelling with visibility, 2No in total)	6.6km	4b 0h	S/SE	W	Upper floor gable end views from 1No window towards fell skyline. No view from eastern dwelling in terrace.	Moderate / slight (1No) Negligible / none (1No)	Moderate Not significant Minor / none Not significant	No
P57 303112 734125	Tullybelton (1No single storey dwelling)	6.4km	1b 0h	S/SE	W	Ground floor views west towards fell skyline and 1No blade tip, partially filtered by intervening tree vegetation along track to west of the dwelling.	Moderate / slight	Moderate Not significant	No
P58 303458 733660	Tullybelton House (1No dwelling)	6.8km	2b 0h	S	W/NW	Heavily filtered glimpse views from upper floor only during winter months towards 2No blade tips potentially visible. Considered no upper views during summer months when vegetation in full leaf.	Slight	Moderate – moderate minor Not significant	No
Glen Shee									
P59 302725 733327	Carse of Kinglands (1No Farmhouse)	6.1km	7b 4h	S/SE	W/NW	Open gable end views towards the fell skyline and the proposed turbines.	Substantial / moderate	Major / moderate Significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P60 302979 732733	Gourdiehill Farmhouse (1No Farmhouse)	6.5km	13b 10h	NW	NW	Potential for oblique front and very oblique side views. Views from front of dwelling partially restricted by adjacent farm buildings and coniferous boundary vegetation. Views from gable end partially filtered by coniferous vegetation on boundary near access track.	Moderate	Major / moderate Significant	No
P61 303101 732125	Woodend Cottage (1No dwelling)	6.9km	14b 11h	SE	NW	Open views from rear of dwelling towards turbines on fell skyline. Oblique views from 1No window on gable end.	Substantial	Major significant	No
P62 302352 733037	Hill of Kinglands (1No Farmhouse)	5.8km	13b 10h	S/SE	W/NW	Rear views likely to be screened by adjacent farm buildings. Potential for gable end views from 1No window towards the fell skyline and proposed turbines.	Substantial / moderate	Major / moderate significant	No
P63 302092 733024	Old School House (1No dwelling)	5.6km	13b 10h	S/SE	W/NW	No view due to dwelling having no gable end windows.	Negligible / none	Minor / none Not significant	No
P64 302006 733351	Cockerstone Farmhouse (1No dwelling)	5.4km	9b 8h	S/SE	W/NW	No view due to dwelling having no gable end windows.	Negligible / none	Minor / none Not significant	No
P65 301894 733302	Cockerstone Cottages (1No dwelling with visibility, 2No in total)	5.3km	11b 10h	S/SE	W/NW	Views towards fell skyline and proposed turbines from western cottage gable end windows. Views filtered by coniferous garden vegetation. No view from eastern dwelling.	Substantial / moderate (1No) Negligible / none (1No)	Major significant Minor / none Not significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P66 301754 732994	Westerton Farmhouse (1No dwelling)	5.3km	13b 10h	NW	W/NW	Views from farmhouse contained by adjacent agricultural buildings.	Negligible / none	Minor / none Not significant	No
P67 300753 733567	Shenval Farmhouse & 2no Converted Barns (1No dwelling with visibility, 3No in total)	4.2km	12b 9h	S/SE NE S/SE	W/NW	Gable end open views towards the fell skyline from the farmhouse. No views from the 2no converted barns due to no windows present in the direction of the view.	Substantial (1No) Negligible / none (2No)	Major significant Minor / none Not significant	No
P68 300717 733611	Shenval Farm Cottage (1No dwelling)	4.1km	12b 10h	S/SE	W/NW	Open side views towards the fell skyline and the proposed turbines.	Substantial	Major significant	No
P69 300065 733769	Shenval Cottage (1No dwelling)	3.5km	10b 8h	SW	W/NW	Oblique views from upper floor towards the fell skyline and proposed turbines, filtered by roadside tree vegetation. No gable end windows. Views from ground floor restricted by beech hedgerow to the front of dwelling.	Substantial / moderate	Major / moderate Significant	No
P70 298301 734259	Little Glenshee (1No dwelling)	1.6km	6b 2h	NE	W	Open gable end and rear views towards the fell skyline and proposed turbines.	Substantial	Major significant	No
P71 299091 732882	Head of Moulin (1No dwelling)	2.9km	5b 2h	S/SE	NW	All views in the direction of the proposed turbines considered to be restricted by adjacent agricultural buildings, localised landform and forestry.	Negligible / none	Minor / none Not significant	No
P72 299740 732935	Mains of Moulin (1No dwelling)	3.5km	7b 3h	S/SE	NW	No windows in rear of farmhouse, adjacent agricultural buildings contain farmhouse. No views.	Negligible / none	Minor / none Not significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P73 299927 732947	Myreton Farmhouse (1No dwelling)	3.6km	8b 3h	SE	NW	Open ground floor and upper rear views towards the fell skyline and proposed turbines.	Substantial	Major Significant	No
P74 300836 732666	Burmieston (1No dwelling)	4.6km	11b 7h	S	NW	No view due to dwelling having no gable end windows.	Negligible / none	Minor / none Not significant	No
P75 301315 732266	Meadowmore (1no dwelling)	5.2km	12b 7h	S/SE	NW	Potential for single oblique upper floor views from small frosted window towards fell skyline and turbines partially restricted by adjacent farm buildings.	Moderate / slight	Moderate Not significant	No
P76 301140 731671	Saddlebank (1No dwelling)	5.3km	9b 8h	SE	NW	No view towards the proposed turbines, views from dwelling restricted by adjacent farm buildings.	Negligible / none	Minor / none Not significant	No
P77 300798 731263	Shannoch (1No dwelling)	5.3km	0b 0h	SE	NW	Upper and ground floor views towards the proposed turbines restricted by adjacent agricultural buildings.	Negligible / none	Minor / none Not significant	No
P78 301604 731783	Greenfield (1No dwelling)	5.7km	12b 8h	SE	NW	Unoccupied/ derelict.	-	-	No
Logiealmond									
P79 302127 730622	Drumharrow Cottage (1No dwelling)	6.7km	13b 7h	n/NW	NW	Oblique front and side views partially filtered by roadside trees.	Substantial / moderate	Major / moderate Significant	No
P80 301967 730534	Lochend Cottage (1No dwelling)	6.6km	13b 6h	SE	NW	No view, restricted by adjacent buildings.	Negligible / none	Minor / none Not significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P81 301674 730279	Cotterton (1No bungalow)	6.5km	12b 6h	S/SE	NW	Potential for heavily filtered ground floor oblique rear views towards the turbines during winter months only. Localised mixed vegetation to north primarily restricts views.	Moderate / slight	Moderate Not significant	No
P82 301513 730462	Drummond Park Farmhouse (1No dwelling)	6.3km	12b 6h	SE	NW	Open upper rear views towards the fell skyline and proposed turbines. Ground floor views partially filtered by garden vegetation.	Substantial / moderate	Major / moderate Significant	No
P83 301501 730611	Drummond Park Farm Cottage (1No single storey dwelling)	6.2km	11b 6h	SE	NW	Heavily filtered rear oblique views partially restricted by Leylandii garden boundary hedge. Views filtered by localised field boundary tree vegetation.	Moderate - moderate / slight	Moderate Not significant	No
P84 301463 729821	Logie Cottages (2No dwellings)	6.7km	11b 7h	W/SW	NW	No view due to the dwellings low lying position, localised landform and the extent of surrounding tree and woodland vegetation.	Negligible / none (2No)	Minor / none Not significant	No
P85 301414 729670	Re-development below Logie Cottages (2No dwellings)	6.7km	8b 4h	SW	NW	No view from either dwelling due to localised landform and extent of enclosing woodland vegetation.	Negligible / none (2No)	Minor / none Not significant	No
P86 301081 730247	Chapelhill House (1No dwelling)	6.1km	9b 7h	SW	NW	Potential view from single frosted porch window only towards fell skyline and proposed turbines. Field boundary trees partially filter potential views.	Moderate / slight	Moderate Not significant	No
P87 301171 730019	Un-named bungalows (3No dwellings)	6.3km	0b 0h	SE	NW	Rear oblique views heavily filtered by dense vegetation towards fell skyline and proposed turbines.	Negligible (3No)	Moderate / minor Not significant	No

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P88 301130 729988	Gallacher bungalow & adjoining bungalow (2No dwellings)	6.3km	10b 7h	SE	NW	Due to the extent of coniferous garden vegetation to the rear of the dwellings it is considered unlikely residents would obtain views of the proposals.	Negligible (2No)	Moderate / minor Not significant	No
P89 301027 729981	New build houses flanking Chapelhill Hall (2No dwellings)	6.2km	10b 7h	SE	NW	Rear oblique ground and upper views towards the fell skyline, partially filtered by tree vegetation along the B8063.	Substantial / moderate	Major / moderate Significant	No
P90 300871 730236	Chapelhill Farm / Inn (1No dwelling above Inn)	5.9km	10b 7h	SE	NW	Views from rear of dwelling restricted by adjacent agricultural buildings. Potential for oblique open side view from upper floor windows towards the fell skyline and proposed turbines.	Substantial / moderate	Major / moderate Significant	No
P91 300800 730120	Chapelhill Smiddy (1No dwelling)	5.9km	10b 7h	SE	NW	Partially filtered rear views towards the fell skyline are present. Views filtered by the localised mature individual trees along field boundary fence lines.	Substantial / moderate	Major / moderate Significant	No
P92 300800 730120	Finlaggan House (1No dwelling)	6.0km	11b 8h	NW	NW	Front ground floor views towards the fell skyline and proposed turbines. Views filtered by slight garden vegetation and individual trees in the localised area to the northwest which form field boundaries.	Substantial / moderate	Major / moderate Significant	No
P93 300737 730004	CedarHouse (1No dwelling)	6.0km	11b 8h	NE	NW	Potential views from side of dwelling very heavily filtered / restricted by clipped hedge on northern boundary of dwelling.	Moderate	Major / moderate Significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P94 300689 729959	Hollyhill Cottage (1No single storey dwelling)	6.0km	11b 8h	N	NW	Views primarily screened by established evergreen boundary vegetation. Potential for oblique views from 1No window beyond evergreen boundary vegetation. Views filtered by field boundary tree vegetation to northwest.	Moderate	Major / moderate Significant	No
P95 300638 729960	Fosten House (1No dwelling)	5.9km	11b 7h	E	NW	No ground floor views due to localised topography and dwelling boundary wall. No upper floor gable end windows.	Negligible / none	Minor / none Not significant	No
P96 300425 729969	Greenacres (1No single storey dwelling)	5.8km	10b 6h	N	NW	Dwelling is within a low lying position. Potential for ground floor views towards skyline filtered by garden, roadside and field boundary vegetation.	Moderate / slight	Moderate Not Significant	No
P97 300444 730110	Groan Cottages (2No single storey dwellings)	5.7km	11b 7h	NW	NW	Views from the rear of the eastern bungalow filtered by localised field boundary tree vegetation. Views from the western dwelling very heavily filtered by established coniferous vegetation.	Moderate / slight (1No) Moderate (1No)	Moderate Not Significant Major / moderate Significant	No
P98 300063 730095	Goan Farmhouse (1No dwelling)	5.5km	9b 5h	N	NW	Views restricted by adjacent farm buildings.	Negligible / none	Minor / none Not significant	No
P99 299874 29872	Castlemalloch (1no dwelling)	5.5km	0b 0h	S	NW	Views restricted by localised landform to the north.	Negligible / none	Minor / none Not significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P100 300191 729634	Dwelling SW of Sandyknowe (1No dwelling)	5.8km	0b 0h	SE	NW	No views predicted from this dwelling.	Negligible / none	Minor / none Not significant	No
P101 300127 729349	Bridgend of Ardittie (1No dwelling)	6.0km	7b 2h	S	NW	Potential heavily filtered upper floor rear and side very oblique views towards fell skyline. Due to the extent of localised woodland it is considered that there would be no views during summer months when vegetation in leaf.	Moderate / slight	Moderate Not Significant	No
P102 300485 729141	North Arditte (1No dwelling)	6.4km	11b 5h	SE	NW	Views restricted by adjacent agricultural buildings.	Negligible / none	Minor / none Not significant	No
P103 299558 730057	Marybank (1No single story dwelling)	5.2km	10b 3h	SE	NW	Oblique views for the rear of the dwelling only. Views heavily filtered by mixed established vegetation surrounding the dwelling. It is considered views would be screened in summer months when vegetation in full leaf.	Moderate / slight	Moderate Not Significant	No
P104 299279 73000	Ballandee (2No dwellings)	5.0km	9b 3h	S W/SW	NW	Potential upper rear and side oblique heavily filtered views towards the turbines from south facing dwelling. Ground floor views screened by adjacent evergreen plantation. South facing dwelling considered to restrict views from front of west/southwest facing dwelling, although views from upper gable end windows filtered by plantation towards fell skyline likely.	Moderate	Major / moderate Significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P105 299083 729757	Clasheiger Farmhouse (1No dwelling)	5.1km	8b 4h	SE	NW	Views restricted by adjacent agricultural buildings.	Negligible / none	Minor / none Not significant	No
P106 299100 730107	Vallivore (2No dwellings)	4.8km	9b 3h	SE W/SW	NW	Ground and upper floor oblique open views from rear and side of southeast orientated dwelling. Ground and upper floor oblique open views from gable end and front of west/southwest orientated dwelling.	Substantial	Major significant	No
P107 298690 729857	Laverockbank (1No dwelling)	4.8km	6b 5h	S/SE	NW	Adjacent farm buildings likely restrict views towards fell skyline and proposed turbines.	Negligible	Moderate / minor Not significant	No
P108 297849 730629	Kindrumpark Farmhouse (1No dwelling)	3.7km	6b 3h	S	n/NW	No views. Dwelling has no gable end windows. Views from rear screened by adjacent farm buildings.	Negligible / none	Minor / none Not significant	No
P109 298164 730301	New build dwelling SE of Kindrumpark Farmhouse (1No dwelling)	4.2km	6b 4h	S/SE	n/NW	Open views towards the fell skyline and proposed turbines from the side and rear of the dwelling. Predominantly ground floor views, although skylight window in roof space.	Substantial	Major significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P110 298334 729842	Harrietfield settlement: Beechwood Eau Rouge Glenfield Stewart Cottage Drumtochy House Drumtochy Cottage Tavern Kirkside Roadside dwelling eastern edge No's 1&2 bungalows south side of road. (25No dwellings in total, 11 with visibility)	4.7km	7b 4h	N/NW S/SE S/SE S/SE N/NW S/SE N/NW S/SE N/NW		Dwellings Beechwood – Kirkside located along the northern edge of the settlement would experience open views towards the fell skyline and proposed turbines. Roadside dwelling located on eastern edge of settlement would experience potential upper oblique views towards fell skyline from 1No rear window between adjacent dwellings. Views filtered by established garden tree vegetation. Bungalows No's 1&2 experience channelled views towards fell skyline and parts of proposed turbines. Views partially restricted by adjacent dwellings. 1No blade tip considered visible.	Substantial (8No) Substantial / moderate (1No) Moderate / slight (2No) Negligible (14No)	Major significant Major / moderate Significant Moderate Not Significant Moderate / minor Not significant	No
P111 2980097 729504	Tullymoran (1No dwelling)	4.8km	7b 4h	S/SE	N/NW	Potential ground floor views from property extension window and upper windows over adjacent farm buildings. Views partially filtered by roadside and field boundary individual tree vegetation to the north of the dwelling.	Substantial / moderate	Major / moderate Significant	No
P112 297603 729962	Drumacher (1no dwelling)	4.3km	7b 4h	S	N/NW	Views towards proposed turbines restricted by adjacent farm buildings.	Negligible / none	Minor / none Not significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P113 297202 729588	Milton Cottage (1No dwelling)	4.5km	0b 0h	S	N	Potential rear glimpse views from upper dormer window towards fell skyline, localised landform primarily restricts views.	Negligible	Moderate / minor Not significant	No
P114 297122 729969	Milton House (1No dwelling)	4.2km	8b 4h	SE	n/NW	Open views towards the fell skyline from upper floor side windows, with upper floor rear views partially restricted and filtered by local vegetation. Ground floor views restricted by adjacent farm buildings.	Moderate	Major / moderate Significant	No
P115 296635 730224	Kipney Farmhouse (1No dwellings)	3.8km	8b 4h	SE	N	Oblique upper floor views only from rear of farmhouse from 1No window. Views partially restricted by adjacent agricultural buildings.	Moderate	Major / moderate Significant	No
P116 296688 730322	Bonellas Cottage (single storey) (1No dwellings)	3.7km	7b 3h	S/SE	N	Rear ground floor open views towards fell skyline and proposed turbines from Cottage dwelling.	Substantial	Major significant	No
P117 295968 731572	Logiealmond Lodge & 2No cottages (3No dwellings)	2.5km	4b 1h	SW SE S	N	Forestry restricts all views towards the proposed turbines.	Negligible / none (3No)	Minor / none Not significant	No
P118 296191 730077	Morningside (1No dwelling)	4.0km	6b 2h	S	N	All views towards the proposed turbines contained by surrounding agricultural buildings.	Negligible / none	Minor / none Not significant	No
P119 296686 729571	Francesfield Cottage (1No dwelling)	4.5km	9b 4h	SE	N	Open views from rear of dwelling towards fell skyline and proposed turbines.	Substantial	Major significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P120 296535 729680	Francesfield Farmhouse (1No dwelling)	4.4km	8b 2h	SE	N	Views towards turbines considered to be primarily restricted by adjacent farm buildings and localised landform.	Slight	Moderate Not significant	No
P121 295317 728769	Williamston (1No dwelling)	5.3km	5b 2h	S/SE	N	No views, restricted by adjacent agricultural buildings.	Negligible / none	Minor / none Not significant	No
Glenalmond									
P122 299293 728673	Pickston Farmhouse (1No dwelling)	6.1km	10b 7h	NW	NW	Ground and upper floor views towards fell skyline. Partially filtered by established field boundary trees to the north.	Substantial / moderate	Major / moderate Significant	No
P123 299062 728689	Campsie House (1No dwelling)	6.0km	10b 7h	E	NW	Rear and side views towards the turbines partially filtered by field boundary trees to the north.	Substantial / moderate	Major / moderate Significant	No
P124 298890 728953	Easter Campsie (1no dwelling)	5.7km	7b 6h	S	NW	Views from rear upper and ground floor partially filtered by tree (copse) vegetation to the northwest.	Substantial / moderate	Major / moderate Significant	No
P125 298484 728609	Almond Cottage (1No dwelling)	5.8km	9b 7h	NW	NW	Oblique views from front of dwelling towards turbines. Views filtered by boundary vegetation and mature trees associated with Wester Campsie.	Substantial / moderate	Major / moderate Significant	No
P126 298366 728744	Wester Campsite Farmhouse & 1No barn conversion (2No dwellings)	5.7km	8b 7h	E E	NW	Upper and ground floor open views from rear and side of farmhouse towards turbines on fell skyline. Ground floor open front and side views towards turbines.	Substantial (2No)	Major significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P127 298368 728451	Wester Campsie Cottage & associated dwelling (2No dwellings)	6.0km	10b 7h	N/NW	N/NW	Ground and upper floor views towards the turbines from Wester campsite Cottage. Ground floor views only from front of adjacent dwelling. All views filtered by mature garden vegetation.	Substantial / moderate	Major / moderate Significant	No
P128 298221 728395	Un-named building adjacent to Campsie Cottage (1No assumed dwelling)	5.0km	10b 8h	S	N/NW	Open upper floor rear views towards fell skyline. Heavily filtered rear ground floor views due to roadside hedgerow vegetation.	Substantial / moderate	Major / moderate Significant	No
P129 297728 728937	Glen Almond College (main campus): Main building 2No campus dwellings Residential block 'C' shaped 1No dwelling 2No roadside dwellings Gatehouse dwelling (8No residential buildings/dwellings, 5No with potential visibility, Highlighted in red on the plan)	5.2-5.9km	8b 5h	SSW E E NE SW n/NW	N/NW	Filtered ground floor and upper floor views from side of main building northwards towards turbines. Heavily filtered views from side of 1No campus dwelling towards fell skyline. 1No other campus dwelling would experience no view of proposed turbines. Filtered views from ground and upper floors towards fell skyline from north facing side of 'C' shaped building. 1No other campus dwelling would experience heavily filtered side views towards skyline. Unlikely to experience views in summer months. 2No dwellings by roadside would experience no view due to extent of screening by mixed established woodland vegetation. Residents of the Gate House would experience filtered ground and upper floor views towards fell skyline.	Substantial / moderate (2No) Moderate (2No) Moderate / slight (1No) Negligible (3No)	Major / moderate Significant Major / moderate Significant Moderate / Not significant Moderate / minor Not significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P130 297503 728201	South & North Cottages, Tigh Civil, Easter Cottage, Adams, McLennans & Wester Cottage (5No dwellings with visibility, 7No in total)	6.0km	10-12b 7-8h	N/NW NE NE N/NW SW SW E/NE	N/NW	Heavily filtered views towards skyline from front of South Cottage, North Cottage, Easter Cottage. Filtered by localised vegetation and woodland associated with Logiealmond College. Considered to experience no view during summer months. Heavily filtered gable end views from McLennans & Wester Cottage, views partially restricted by neighbouring dwellings. No views from Tigh Civil & Adams.	Moderate (3No) Moderate / slight (2No) Negligible (2No)	Major / moderate Significant Moderate Not significant Moderate / minor Not significant	No
P131 296779 728601	Cairnies Cottage & Mains of Cairnies Farm (4No dwellings, 2No with visibility highlighted red on plan)	5.5km	11b 7-8h	NE N E S		Open oblique front and side views towards turbines from Cairnies Cottage. Rear open views from Mains of Cairnies converted barn orientated north. No views from remaining 2No dwellings.	Substantial (2No) Negligible / none (2No)	Major significant Minor / none Not significant	No
P132 296776 728411	Mains of Cairnies (1No dwelling)	5.6km	11b 9h	E/NE	N	Partially filtered oblique front and open side views towards the fell skyline, front views part filtered by coniferous boundary vegetation.	Substantial – substantial / moderate	Major significant	No
P133 297134 728134	The Cairnies (College staff houses) (4No dwellings / 1 Building)	6.0km	11b 9h	N	N	No view due to extent of mixed woodland to the immediate north of dwelling.	Negligible (4No)	Moderate / minor Not significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P134 296974 728104	Garage House & Bells Cottage (2No dwellings)	6.0km	11b 10h	E	N	Heavily filtered views towards skyline and proposed turbines from side of Bells Cottage and partial filtered gable end of Garage House.	Substantial moderate (1No) Moderate (1No)	Major / moderate Significant Major / moderate Significant	No
P135 297042 727840	Law Cottage, St Barbaras & 3No un-named bungalows. (5No single storey dwellings)	6.2km	11b 11h	N E N W S		No view due to extensive mixed woodland vegetation to north.	Negligible (5No)	Moderate / minor Not significant	No
P136 297556 727949	South Cairnies Farm (2No single storey dwellings)	6.2km	12b 9h	S/SW E	N	Potential heavily filtered rear glimpse views toward skyline from south/southwest facing dwelling, although considered not to experience views during summer months. Adjacent bungalow orientated east would experience no view.	Moderate / slight (1No) Negligible (1No)	Moderate Not significant Moderate / minor Not significant	No
P137 296718 728183	Annfield Cottage (1No dwelling)	5.9km	11b 9h	S	N	Open rear ground floor views from extension, limited filtering by garden vegetation. Potential for views from upper rear partially restricted by roof of dwelling extension.	Substantial	Major significant	No
P138 295653 727195	Drummick (1No single storey dwelling)	6.9km	10b 5h	S	N	Ground floor rear views partially filtered by boundary hedgerow towards fell skyline and proposed turbines.	Substantial / moderate	Major / moderate significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P139 295716 728113	East Tulcan Farmhouse & Steading (6No dwellings in total, 4No with visibility)	6.0km	9b 3h	N W N N E E	N	Open ground floor views to fell skyline from front of farmhouse. Converted steading would experience open side views from the converted barn orientated west, open ground and upper views from 1No of the adjoining barns orientated north. Open gable end views would be experienced from 1No of the east facing dwellings.	Substantial (4No) Negligible / none (2No)	Major significant Minor / none Not significant	No
P140 295493 727782	Tulcan Lodge (1No dwelling)	6.3km	7b 3h	N	N	Open views towards fell skyline and proposed turbines.	Substantial	Major significant	No
P141 295207 728192	Tulcan Cottage & Birch Lodge (2No dwellings)	5.9km	5b 2h	E W	N	No views. Views from Tucan Cottage contained by woodland vegetation restricting views north. Views from Birch Lodge restricted by clipped hedge on garden boundary.	Negligible (2No)	Moderate / minor Not significant	No
P142 295207 728192	West Tulcan (1no dwelling)	5.9km	5b 2h	N	N	Heavily filtered ground and upper floor views towards the fell skyline and proposed turbines. Views filtered by woodland associated with Tulcan House.	Moderate	Major / moderate significant	No
P143 294952 728306	Tulcan Garden Cottage (1No dwelling)	5.9km	5b 2h	S	N	Ground and upper floor views from rear of dwelling heavily filtered by mature boundary vegetation.	Moderate	Major / moderate significant	No
P144 294701 728064	Tulloch / Tulcan Croft (1No dwelling)	6.2km	4b 3h	NW	N	Views from bungalow towards proposed turbines partially screened by boundary hedgerow and intervening forestry.	Substantial / moderate	Major / moderate significant	No

Residential Property and grid coordinate	Property Name and No. of Dwellings	Distance to wind farm	Hubs (h) and Blades (b) Theoretically visible	Orientation of front of dwelling	Direction to turbines	Constraining Factors, which may limit potential visibility of the Logiealmond wind farm proposal	Magnitude of Change	Effect / Significance	Considered to experience significant effect as a result of Griffin wind farm
P145 293780 728147	Easter Buchanty (1No dwelling)	6.2km	6b 2h	SE	N/NE	Potential for heavily filtered side views primarily restricted by agricultural buildings, garden vegetation and adjacent roadside coniferous vegetation.	Moderate / slight	Moderate / Not significant	No
P146 293918 727460	South Buchanty (1No dwelling)	6.8km	7b 3h	SE	E	Views towards proposed turbines restricted by adjacent agricultural buildings.	Negligible / none	Minor / none / Not significant	No
P147 293469 728282	Stroness Cottage (bungalow & Bridge of Buchanty Cottage (2No dwellings)	6.1km	5b 1h	S	N/NE	No views due to extensive woodland to the north.	Negligible (2No)	Moderate / minor / Not significant	No
P148 292942 728561	Fianoch (bungalow) & West Buchanty (2No dwellings, 2No with potential visibility, highlighted in red on plan)	5.9km	1b 0h	SW	N/NE	Potential for rear filtered views towards turbines from Fianoch. Views heavily filtered by coniferous boundary vegetation and woodland along river bank and forestry. Views from West Buchanty primarily screened by adjacent farm buildings.	Moderate / slight (1No) Negligible / none (1No)	Moderate / Not significant Minor / none / Not significant	No
P149 293885 729686	Tullymoy House (1No dwelling)	4.6km	1b 1h	S	N/NE	No views. Views from rear of dwelling screened by forestry to the immediate north and northeast of the dwelling.	Negligible	Moderate / minor / Not significant	No

4.5.2 Predicted Effects

Table C: Summary of Predicted Effect on Residential Receptors

		Distance from the Wind Farm												
Distance from wind farm		0-3km				3-5km				5-7km				0-7km
Number of turbines theoretically visible		11-14 no.	6-10 no.	1-5 no.	1-14 no. blade tips only	11-14 no.	6-10 no.	1-5 no.	1-14 no. blade tips only	11-14 no.	6-10 no.	1-5 no.	1-14 no. blade tips only	No tips or hubs
Constraining Factors	Open views		P15(2) P16(1) P17(1) P18(1) P70(1)	P8(2)	P19(1)	P25(1) P27(2) P28(1) P31(1) P67(1) P68(1)	P9(1) P14(1) P21(2) P22(2) P24(2) P73(1) P106(2) P109(1) P110(8) P116(1) P119(1)			P41(1) P42(1) P43(1) P44(1) P45(1) P46(1) P61(1) P62(1) P131(2) P132(1) P137(1)	P59(1) P90(1) P126(2) P140(1)	P1(1) P2(1)		
	Partially restricted views					P25(1) P30(3)	P12(1) P20(2) P22(2) P23(1) P26(1) P29(1) P69(1) P110(1) P111(1) P114(1) P115(1)	P7(1)	P3(3) P4(2)	P60(1) P65(1) P79(1) P82(1) P92(1) P93(1) P94(1) P97(1) P130(3) P134(2)	P40(1) P52(2) P89(2) P91(1) P104(2) P122(1) P123(1) P124(1) P125(1) P127(2) P128(1) P129(4) P138(1) P139(4)	P142(1) P143(1) P144(1)	P55(1) P56(1) P57(1) P58(1) P148(1)	P87(3) P113(1)

		Distance from the Wind Farm												
Distance from wind farm		0-3km				3-5km				5-7km				0-7km
Number of turbines theoretically visible		11-14 no.	6-10 no.	1-5 no.	1-14 no. blade tips only	11-14 no.	6-10 no.	1-5 no.	1-14 no. blade tips only	11-14 no.	6-10 no.	1-5 no.	1-14 no. blade tips only	No tips or hubs
Fully restricted or no view							P13(1) P110(2)			P47(1) P75(1) P81(1) P83(1) P97(1) P130(2) P136(1)	P48(1) P86(1) P96(1) P101(1) P103(1) P129(1) P145(1)			
				P71(1) P117(3)		P32(1) P33(1) P67(2) P74(1)	P10(1) P11(1) P22(1) P72(1) P107(1) P108(1) P110(14) P112(1) P118(1) P120(1)	P149(1)		P63(1) P65(1) P66(1) P80(1) P84(2) P95(1) P102(1) P130(2) P131(2) P133(4) P135(5) P136(1)	P37(15) P38(1) P40(1) P49(1) P52(2) P64(1) P76(1) P85(2) P88(2) P98(1) P105(1) P129(3) P139(2) P146(1)	P5(1) P35(1) P36(1) P50(1) P121(1) P141(2) P147(2)	P34(1) P51(1) P53(1) P56(1) P148(1)	P39(1) P77(1) P99(1) P100(1)
Total number of dwellings			6	2	1	11	35	2	5	25	29	5	10	8
				4		5	26			30	41	9		

Cells shown in blue highlight potential significant effect