# Updated Dwelling Assessment Summary



Dwelling ID:	Distance to Nea Turbine	arest	Number of turbin black line of visu (3,350 m):		Number of turbines of visual magnitude		Theoretical nun (Based on 2D A	nber of 60° sectors ssessment):	Number of potent turbines:	tially visible	Visual Impact R	ating:	
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
25	2.10 km	2.12 km	8	6	18	14	2	2	73 turbines (18 at tip 55 at hub)	64 turbines (17 at tip 47 at hub)	Low	Low	
Variation:	+ 20m	-	- 2 Turbines	-	- 4 Turbines		No Variation		- 9 Turbines (1 at tip, 8 at hu	ib)	No Variation	-	
Dwelling 76	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
	2.37 km	3.15 km	4	2	17	14	3	3	54 turbines (12 at tip 42 at hub)	44 turbines (12 at tip 32 at hub)	Low	Low	1
Variation:	+ 780m	1	- 2 Turbines		- 3 Turbines	1	No Variation		- 10 Turbines (0 at tip, 10 at h	ub)	No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
78	3.15 km	3.15 km	2	1	16	10	3	3	57 turbines (16 at tip 41 at hub)	46 turbines (14 at tip 32 at hub)	Low	Low	
Variation:	No Variation		- 1 Turbine		- 6 Turbines	·	No Variation		- 11 Turbines (2 at tip, 9 at hu	ıb)	No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
79	2.09 km	2.09 km	4	3	14	7	3	2	45 turbines (5 at tip 40 at hub)	37 turbines (5 at tip 32 at hub)	Low	Low	
Variation:	No Variation		- 1 Turbine		- 7 Turbines		- One (1) 60 de	egree sector	- 8 Turbines (0 at tip, 8 at hu	ib)	No Variation		

Slight increase in the distance to the nearest turbine. Number of turbines within black and between black and blue line has been reduced. Reduction in overall number of potentially visible turbines at hub height. Moir LA attended dwelling in January 2022 and confirmed that existing vegetation in dwelling foreground will limit most views. Visual impact rating remains '*Low*'.

Distance to nearest turbine increased by 780 m. Number of turbines within black line and between black and blue lines has been reduced. Overall number of potentially visible turbines at hub height has also been reduced. Moir LA attended this dwelling in December 2021. Visual impact rating remains '*Low*'.

No variation in distance to nearest turbines and theoretical number of 60 degree sectors. However, number of turbines visible within black line and between black and blue lines has been reduced. Reduction in number of potentially visible turbines at hub and tip heights. Aerial imagery indicates that existing vegetation in dwelling's foreground to the south will limit views of the Mount Hope (MH) cluster of turbines. Visual impact rating remains '*Low*'.

No variation in distance to nearest turbines. However, number of turbines within black line and between black and blue lines has been reduced. Reduction in number of potentially visible turbines at hub height. Further, turbines are now located in up to two (2) 60 degree sectors which is deemed acceptable in accordance with the Bulletin. Aerial imagery indicates that dwelling is surrounded by vegetation and structures in its foreground which will limit views of the nearest turbines to the south. Visual impact rating remains '*Low*'.

Dwelling ID:	Distance to Ne Turbine	arest	Number of turbin black line of visu (3,350 m):		Number of turbines of visual magnitude		Theoretical num (Based on 2D As	nber of 60° sectors ssessment):	Number of poten turbines:	tially visible	Visual Impact R	ating:	
Dwelling	Turbine   elling 20 2023   2.13 km 2.15 km   riation: + 20m   2022 2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023		
84	2.13 km	2.15 km	7	6	17	11	2	2	66 turbines (11 at tip 55 at hub)	59 turbines (11 at tip 48 at hub)	High	Low	
Variation:	+ 20m		- 1 Turbine		- 6 Turbines	1	No Variation		- 7 Turbines (0 at tip, 7 at hi	ıb)	Reduced visua rating.	al impact	ľ
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
86	2.10 km	2.09 km	10	9	11	10	4	3	65 turbines (4 at tip 61 at hub)	58 turbines (4 at tip 54 at hub)	Low	Low	
Variation:	No Variation		- 1 Turbine		- 1 Turbine		- One (1) 60 de	egree sector	- 7 Turbines (0 at tip, 7 at hi	ıb)	No Variation		
Dwelling 87	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
07	2.74 km	2.74 km	5	4	12	12	4	3	89 turbines (18 at tip 71 at hub)	82 turbines (17 at tip 65 at hub)	Low	Low	
Variation:	No Variation		- 1 Turbine		No Variation		- One (1) 60 de	egree sector	- 7 Turbines (1 at tip, 6 at hi	ıp)	No Variation		
Dwelling 90	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
	2.90 km	2.90 km	2	2	12	12	4	3	97 turbines (17 at tip 80 at hub)	89 turbines (16 at tip 73 at hub)	Moderate	Low	
Variation:	No Variation		No Variation		No Variation		- One (1) 60 de	egree sector	- 8 Turbines (1 at tip, 7 at hi	ıb)	Reduced visua rating.	al impact	

Slight increase in distance to nearest turbines. Number of turbines within black line and between black and blue lines has been reduced. 3D assessment suggests that there is a reduction of seven (7) turbines visible from this dwelling. Visual impact rating has been reduced to '*Low*'.

#### Refer to Appendix B7

# Mitigation measures proposed in Appendix E would reduce the visual impact from this dwelling.

No variation in distance to nearest turbine. Number of turbines within black line and between black and blue lines has been reduced and there is reduction in the overall number of potentially visible turbines at hub height. 3D assessment suggests that there four (4) of the six (6) turbines of MH cluster will be screened by existing vegetation and two (2) turbine hubs are likely to be visible. Moir LA attended dwelling in January 2022 and confirmed that existing vegetation and rise in the topography in dwelling foreground will limit most views of the MH cluster. Visual impact rating remains '**Low**'.

One (1) turbine within black line has been removed and of the number of 60 degree sectors with turbines has been reduced to three (3) 60 degree sectors. Vegetation to the east and west of the dwelling will limit views. Visual impact rating remains '*Low*'.

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines remains the same. Number of 60 degree sectors with turbines has been reduced to three (3). Moir LA attended dwelling in January 2022 and confirmed that existing vegetation will partially limit views of the MH cluster towards the north. Visual impact rating remains '*Moderate*'.

Develling					Newsbarract		Theorytical		News	the United at the La	Missish Investor F		_
Dwelling ID:	Distance to Ne Turbine	arest	Number of turbi black line of vis (3,350 m):		Number of turbines of visual magnitude		(Based on 2D A	nber of 60º sectors ssessment):	Number of poten turbines:	uany visidie	Visual Impact R	kaung:	
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	-
	2.42 km	2.42 km	3	3	12	10	2	1	94 turbines (36 at tip 58 at hub)	86 turbines (30 at tip 56 at hub)	Negligible	Negligible	
Variation:	No Variation		No Variation		- 2 Turbines		- One (1) 60 de	egree sector	- 8 Turbines (6 at tip, 2 at hu	ıp)	No Variation		1
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	!
240	2.91 km	2.91 km	1	1	12	11	2	1	13 turbines (6 at tip 7 at hub)	19 turbines (11 at tip 8 at hub)	Low	Low	
Variation:	No Variation	1	No Variation	1	- 1 Turbine		- One (1) 60 de	egree sector	- 6 Turbines (5 at tip, 1 at hu	ıb)	No Variation		
Dwelling 282	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	6
	2.22 km	2.22 km	6	6	15	13	4	4	89 turbines (10 at tip 79 at hub)	81 turbines (10 at tip 71 at hub)	Moderate	Moderate	
Variation:	No Variation		No Variation		- 2 Turbines		No Variation	,	- 8 Turbines (0 at tip, 8 at hu	(dr	No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
503	2.33 km	2.33 km	4	3	6	3	2	2	1 turbine (At tip height)	1 turbine (At tip height)	Nil	Nil	1
Variation:	No Variation		- 1 Turbine		- 3 Turbines		No Variation		No Variation		No Variation		

Two (2) turbines of MH cluster between black and blue lines have been removed and turbines are now located within one (1) 60 degree sector. There is also a reduction in number of potentially visible turbines at tip and hub heights. Aerial imagery indicates that the dwelling is surrounded by densely vegetated undulations in the east and partially vegetated slopes in the southeast. Visual impact rating remains '**Negligible'** (based on a desktop assessment).

No variation in distance to nearest turbine. Number of turbines between black and blue lines have reduced and there is reduction in number of 60 degree sectors. Moir LA attended dwelling in December 2021. Visual impact rating remains '*Low*'.

No variation in distance to nearest turbine and number of 60 degree sectors. Number of turbines between black and blue lines have slightly reduced and the visual catchment has one (1) less MH cluster turbine. Moir LA attended dwelling in December 2021. Visual impact rating remains '*Moderate*'.

No variation in distance to nearest turbine and number of 60 degree sectors. Number of turbines within black and between black and blue lines has reduced. Existing conditions around dwelling will allow views of one (1) turbine at tip height due to the vegetated undulations on the southern side of the dwelling. Visual impact rating remains '*Nil*'.

Dwelling ID:	Distance to Nea Turbine	arest	Number of turbin black line of visu (3,350 m):		Number of turbines of visual magnitude		Theoretical num (Based on 2D As	nber of 60° sectors ssessment):	Number of poten turbines:	tially visible	Visual Impact R	ating:	
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
506	3.22 km	3.22 km	3	1	16	10	2	2	89 turbines (15 at tip 74 at hub)	77 turbines (15 at tip 62 at hub)	Nil	Nil	i
Variation:	No Variation		- 2 Turbines		- 6 Turbines		No Variation		- 12 Turbines (0 at tip, 12 at h	nub)	No variation.		
Dwelling 199	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	!
	2.86 km	2.63 km	8	5	14	12	2	2	46 turbines (13 at tip 33 at hub)	38 turbines (11 at tip 27 at hub)	Moderate	Low	
Variation:	- 230m		- 3 turbines		- 2 turbines		No variation	·	- 8 Turbines (2 at tip, 6 at hu	ıb)	Reduced visua rating.	al impact	
Dwelling 91	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
	2.76 km	2.76 km	3	3	11	9	3	3	95 turbines (12 at tip 83 at hub)	87 turbines (11 at tip 76 at hub)	Moderate	Moderate	
Variation:	No variation		No variation	-	- 2 turbines		No variation	-	- 8 Turbines (1 at tip, 7 at hu	ıb)	No Variation		

Two (2) turbines of MH cluster within black line and six between black and blue lines have been removed. There is also a reduction in number of potentially visible turbines at hub height. Aerial imagery indicates that the dwelling is surrounded by dense vegetation and primary views face north. Closest turbines are located in the west and it is likely that surrounding vegetation will allow partial views of the Project. Visual impact rating re-assessed as '**Low**'.

Distance to nearest turbine reduced by approximately 230m. Number of turbines within black and between black and blue lines have reduced. Aerial imagery indicates that existing vegetation in the dwelling's foreground will limit views to the MH cluster in the west. Visual impact rating reassessed as 'Low' due to the reduction in number of visible turbines.

No variation in distance to nearest turbine. Two turbines between black and blue lines have been removed. Dwelling is orientated to the south and it is likely that existing vegetation in the north of the dwelling will partially limit views. Visual impact rating remains '*Moderate*'.

#### Refer to Appendix B4.

Mitigation measures proposed in Appendix E1 would reduce the visual impact from this dwelling.

## Girragulang Road Cluster: Overview of Non-Participating Dwellings within 3,350 m (Black Line)

Dwelling ID:	Distance to Ne Turbine	arest	Number of turbin black line of visu (3,350 m):		Number of turbines of visual magnitude		Theoretical nun (Based on 2D A	nber of 60º sectors ssessment):	Number of poten turbines:	tially visible	Visual Impact R	lating:	
277	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
	3.07 km	3.31 km	2	1	14	11	4	3	48 turbines (6 at tip 42 at hub)	43 turbines (7 at tip 36 at hub)	High	High	
Variation:	+ 240m		- 1 Turbine	1	- 3 Turbines		- One (1) 60 de	egree sector	- 5 Turbines (+ 1 at tip, - 6 a	t hub)	No Variation	-	
278	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
	2.09 km	2.10 km	10	8	14	12	4	4	83 turbines (30 at tip 53 at hub)	74 turbines (27 at tip 47 at hub)	Low	Low	-
Variation:	+10m		- 2 Turbines		- 2 Turbines		No Variation		- 11 Turbines (3 at tip, 8 at hu	ıb)	No Variation		
363	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
	2.91 km	2.92 km	2	2	8	6	4	3	28 turbines (19 at tip 9 at hub)	28 turbines (19 at tip 9 at hub)	Nil	Nil	
Variation:	+ 10m	1	No Variation	l	- 2 Turbines	1	- One (1) 60 de	egree sector	No Variation		No Variation		
497	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
	2.11 km	2.13 km	11	10	20	19	3	3	115 turbines (34 at tip 81 at hub)	105 turbines (31 at tip 74 at hub)	Low	Low	1
Variation:	+ 20m	-	- 1 Turbine	<u></u>	- 1 Turbine		No Variation		- 10 Turbines (3 at tip, 7 at hu	ıb)	No Variation		
502	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
	Not assessed	3.31 km	Not assessed	1	Not assessed	13	Not assessed	3	Not assessed	98 turbines (38 at tip 60 at hub)	Not assessed	Moderate	
Variation:	No previous a	assessment	No previous as	sessment	No previous asse	essment	No previous a	issessment	No previous as	sessment	No previous a	issessment	

Nearest turbine distance increased by 240 m and total of four turbines within blue line have been removed. Number of visible sectors has reduced to three (3) and number of Girragulang Road (GR) cluster turbines in the visual catchment have reduced from 40 to 36. Moir LA attended dwelling in December 2021. Visual impact rating remains *'High'*.

# Mitigation measures proposed in Appendix E4 would reduce the visual impact from this dwelling.

#### Refer to Appendix B8.

Nearest turbine distance increased by 10 m and total of four turbines within blue line have been removed. Aerial imagery indicates that dwelling is surrounded by dense vegetation in its foreground to the south. Views to closest turbines from GR cluster are likely to be screened by existing vegetation. Visual impact rating remains '*Low*'.

#### Refer to Appendix B9.

Reduction in number of 60 degree sectors and turbines within blue line will reduce potential visibility of turbines. Existing conditions around the dwelling are defined by dense vegetation in all directions. Views are likely to be contained. Visual impact rating remains '*Nil*'.

Moir LA attended dwelling in June 2022 and confirmed that dwelling is surrounded by dense vegetation in its foreground and this will limit views to the GR cluster in the north west. Two turbines within blue line have been removed. Visual impact rating remains '*Low*'.

#### Refer to Appendix B10.

# Mitigation measures proposed in Appendix E3 would reduce the visual impact from this dwelling.

Nearest turbine is located 3.31 km from the dwelling location and total of 14 turbines are located within blue line of visual magnitude. Access to the dwelling was not available but Moir LA took a representative photograph along Moorefield Road to the north of the dwelling. Aerial imagery indicates that dwelling is surrounded by scattered vegetation which will partially limit views. Views to closest turbines from GR cluster are likely to be available in the east. Views to MH cluster may be partially screened. Views to LV cluster will be distant. Visual impact rating has been assessed as '**Moderate**'.

#### Refer to Appendix B12.

## Leadville Road Cluster: Overview of Non-Participating Dwellings within 3,350 m (Black Line)

Dwelling ID:	Distance to Nearest Turbine 2022 2023 3.20 km 3.15 km - 50m	learest	Number of turk black line of vis (3,350 m):	ines within sual magnitude	Number of turbine of visual magnitud		Theoretical nur (Based on 2D A	nber of 60° sectors Assessment):	Number of poter turbines:	ntially visible	Visual Impact	Rating:	
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	1
	3.20 km	3.15 km	1	1	4	4	1	1	122 turbines (25 at tip 97 at hub)	109 turbines (22 at tip 87 at hub)	Low	Low	[
Variation:	- 50m		No Variation		No Variation		No Variation		- 13 Turbines (3 at tip, 10 at	hub)	No Variation		i -
Dwelling 177	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	1
	3.95 km	3.21 km	1	1	3	3	1	1	100 turbines (13 at tip 87 at hub)	89 turbines (11 at tip 78 at hub)	Low	Low	t t
Variation:	- 740m		No Variation	1	No Variation		No Variation		- 11 Turbines (2 at tip, 10 at	hub)	No Variation	- I	<b>-</b> I
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	t
181	2.43 km	2.41 km	4	4	5	5	2	2	89 turbines (2 at tip 87 at hub)	78 turbines (2 at tip 76 at hub)	Moderate	Moderate	i i \ {
Variation:	- 20m		No Variation		No Variation		No Variation		- 11 Turbines (0 at tip, 11 at	hub)	No Variation		r
Dwelling 187	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	l t
107	2.47 km	2.47 km	3	3	3	3	2	2	8 turbines (3 at tip 5 at hub)	8 turbines (3 at tip 5 at hub)	Low	Low	t t
Variation:	No Variatior	1	No Variation		No Variation		No Variation		No Variation	·	No Variation		- \

No variation in number of turbines within blue line however distance to nearest turbine has decreased by 50m. Dwelling is orientated to the south and is surrounded by vegetation and a shed in the east. Fragmented views of turbines likely to be available in the southeast. Visual impact rating remains '*Low*'.

Nearest turbine distance reduced by 740 m. No variation in number of turbines within blue line. Dwelling is orientated to the east and has views of Leadville Road (LV) cluster in the southeast. Visual impact rating remains '*Low*'.

#### Refer to Appendix B5.

No variation in number of turbines within blue line and turbine is relocated 20m closer to the dwelling. Dwelling is orientated to the south and has views of LV cluster. Aerial imagery indicates that dwelling is surrounded by scattered vegetation in the south and partial views of turbines will be available through gaps in existing vegetation. Visual impact rating remains '*Moderate*'.

No variation in number of turbines. Dwelling is orientated to the north and will have limited views of the LV cluster due to scattered vegetation in its foreground. Moir LA attended dwelling in December 2021 and 3D assessment suggests that views same number of turbines are likely to be visible. Visual impact rating remains '*Low*'.

## Leadville Road Cluster: Overview of Non-Participating Dwellings within 3,350 m (Black Line)

Dwelling ID:	Distance to I Turbine	Nearest	Number of tu black line of (3,350 m):	rbines within visual magnitude	Number of turbin of visual magnitu	es within blue line ıde (4,950 m):		umber of 60° sectors Assessment):	Number of poter turbines:	ntially visible	Visual Impact	Rating:	4
Dwelling 180	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	۷ F
	2.59 km	2.59 km	4	3	5	6	1	1	94 turbines (4 at tip 90 at hub)	84 turbines (4 at tip 80 at hub)	Moderate	Low	r r
Variation:	No variatio	n	- 1 turbine	·	+ 1 turbine		No variation	1	- 10 Turbines (0 at tip, 10 at	hub)	Reduced vis rating.	ual impact	
Dwelling 182	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	N C
	2.33 km	2.33 km	5	5	4	4	2	2	90 turbines (5 at tip 85 at hub)	80 turbines (5 at tip 75 at hub)	Moderate	Moderate	s c
Variation:	No variatio	n	No variation	1	No variation		No variation	, I	- 10 Turbines (0 at tip, 10 at	hub)	No variation		i
Dwelling 190	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	۱ F
	2.08 km	2.08 km	4	4	2	2	2	2	39 turbines (4 at tip 35 at hub)	34 turbines (4 at tip 30 at hub)	Moderate	Negligible	t r
Variation:	No variatio	n	No variation	1	No variation		No variation	1	- 5 Turbines (0 at tip, 5 at h	ub)	Reduced vis rating.	ual impact	F

Visual Impact previously assessed as a linked dwelling. Further assessment identifies views will be screened by vegetation and therefore the visual impact rating has been reduced to *low*.

No variation in number of turbines within blue line and distance to nearest turbine. Dwelling is orientated to the south and has views of LV cluster. Existing shed to south of dwelling will dominate views, however, LV cluster turbines are likely to be visible beyond existing structures. Visual impact rating remains '*Moderate*'.

Visual Impact previously assessed as a linked dwelling. Further assessment identifies views will be screened by topography and therefore the visual impact rating has been reduced to '**Negligible**'.

Refer to Appendix B6..

#### Mount Hope Cluster: Overview of Non-Participating Dwellings within 3,350m and 4,950m (Between Black & Blue Lines)

Dwelling ID:	Distance to Ne Turbine	earest	Number of tur black line of v (3,350 m):	bines within isual magnitude	Number of turbine of visual magnitud		Theoretical nur (Based on 2D A	mber of 60° sectors Assessment):	Number of poter turbines:	ntially visible	Visual Impact F	Rating:
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
24	4.86 km	4.86 km	0	0	1	1	2	2	67 turbines (18 at tip 49 at hub)	56 turbines (15 at tip 41 at hub)	Nil	Low
Variation:	No Variation		No Variation		No Variation		No Variation		- 11 Turbines (3 at tip, 8 at h	ub)	Revised poter impact rating of turbines lik available in th	Partial views ely to be
Dwelling 69	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
	3.89 km	3.90 km	0	0	4	3	1	1	NIL	NIL	Nil	Nil
Variation:	+ 10m		No Variation	I	- 1 Turbine		No Variation		No Variation		No Variation	
Dwelling 72	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
	3.49 km	4.60 km	0	0	6	2	2	2	61 turbines (10 at tip 51 at hub)	51 turbines (11 at tip 40 at hub)	Low	Low
Variation:	+ 1.11 km		No Variation		- 4 Turbines		No Variation		- 10 Turbines (+ 1 at tip, - 11	at hub)	No Variation	
Dwelling 75	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
	3.70 km	3.64 km	0	0	5	3	2	2	61 turbines (10 at tip 51 at hub)	51 turbines (10 at tip 41 at hub)	Negligible	Negligible
Variation:	- 60m		No Variation		- 2 Turbines		No Variation		- 10 Turbines (0 at tip, 10 at	hub)	No Variation	-
Dwelling 80	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
	3.22 km	3.38 km	1	0	6	5	2	2	98 turbines (13 at tip 85 at hub)	84 turbines (10 at tip 74 at hub)	Low	Low
Variation:	+ 160m		- 1 Turbine		- 1 Turbine		No Variation		- 14 Turbines (3 at tip, 11 at	hub)	No Variation	

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. There is no variation to the number of 60° sectors. Overall there is a reduction in the number of visible turbines. Desktop assessment suggests that views of 'MH' cluster will likely be filtered by vegetation along Neilrex Road. Visual impact rating revised to '*Low*'.

There is a slight change in distance to the nearest turbine and number of turbines within black line remain the same. There is a reduction of one (1) turbine between black and blue lines. There is no variation to the number of 60° sectors. Overall there no change in the number of visible turbines. Desktop assessment suggests that views of 'MH' cluster will likely be contained by intervening topography. Visual impact rating remains '*Nil*'.

There is a significant change in distance to the nearest turbine and number of turbines within black line remain the same. There is a reduction of four (4) turbines between black and blue lines. There is no variation to the number of 60° sectors. Overall there is a reduction in the number of visible turbines. Desktop assessment suggests that views may be filtered by intervening vegetation. Visual impact rating remains '*Low*'.

There is a slight reduction in distance to the nearest turbine and number of turbines within black line remain the same. There is a reduction of two (2) turbines between black and blue lines. There is no variation to the number of 60° sectors. Overall there is a reduction in the number of visible turbines. Moir LA attended dwelling in June 2022 and identified that existing vegetation in dwelling foreground will partially limit views. 3D assessment suggests that there is a reduction of ten (10) turbines in the visual catchment. Visual impact rating remains '*Negligible*.

There is a slight increase in distance to the nearest turbine. The number of turbines within black line has a slight reduction. There is a reduction of one (1) turbine between black and blue lines. There is no variation to the number of 60° sectors. Overall there is a reduction in the number of visible turbines. Visual impact rating remains '*Negligible*.

## Mount Hope Cluster: Overview of Non-Participating Dwellings within 3,350m and 4,950m (Between Black & Blue Lines)

Dwelling ID:	Distance to Ne Turbine	earest	Number of turbin black line of visu (3,350 m):		Number of turbines of visual magnitude		Theoretical num (Based on 2D A	nber of 60° sectors ssessment):	Number of poter turbines:	ntially visible	Visual Impact F	Rating:
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
129	4.71 km	4.69 km	0	0	1	1	2	2	45 turbines (25 at tip 20 at hub)	38 turbines (21 at tip 17 at hub)	Low	Low
Variation:	- 20m		No Variation		No Variation		No Variation		- 7 Turbines (4 at tip, 3 at h	ub)	No Variation	
Dwelling 138	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
	4.69 km	4.70 km	0	0	1	1	2	2	38 turbines (11 at tip 27 at hub)	33 turbines (12 at tip 21 at hub)	Low	Low
Variation:	+ 10m		No Variation		No Variation		No Variation		- 5 Turbines (+ 1 at tip, - 6 a	at hub)	No Variation	
Dwelling 234	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
234	3.94 km	3.94 km	0	0	6	6	1	1	2 turbines (All at tip)	2 turbines (All at tip)	Nil	Nil
Variation:	No Variation		No Variation		No Variation		No Variation		No Variation		No Variation	
Dwelling 243	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
	4.52 km	4.52 km	0	0	5	5	1	1	Nil	Nil	Nil	Nil
Variation:	No Variation		No Variation		No Variation		No Variation		No Variation		No Variation	
Dwelling 501	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
	4.59 km	4.61 km	0	0	1	1	3	3	92 turbines (16 at tip 76 at hub)	84 turbines (15 at tip 69 at hub)	Low	Low
Variation:	+ 20m		No Variation		No Variation		No Variation		- 8 Turbines (1 at tip, 7 at h	ub)	No Variation	

There is a negligible change in distance to the nearest turbine by 20 m. Number of turbines within black line and between black and blue lines remain unchanged. Overall there is a slight reduction in the number of visible turbines. Desktop assessment suggests that views of 'MH' cluster will likely be filtered by intervening topography and vegetation. Visual impact rating remains '*Low*'.

There is a negligible change in distance to the nearest turbine by 20 m. Number of turbines within black line and between black and blue lines remain unchanged. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of visible turbines. Visual impact rating remains '*Low*'.

There is a negligible change in distance to the nearest turbine by 20 m. Number of turbines within black line and between black and blue lines remain unchanged. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of visible turbines. Visual impact rating remains '*Low*'.

There is no change in distance to nearest turbine. Number of turbines within black line and between black and blue lines remains unchanged. There is no variation to the number of 60° sectors. Overall there is no change in the number of turbines. Desktop assessment suggests intervening vegetation and topography will likely contain views to the turbines. Visual impact rating remains '*Nii*'.

There is a negligible increase in distance to the nearest turbine by 20 m. Number of turbines within black line and between black and blue lines remain unchanged. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of visible turbines. Visual impact rating remains '*Low*'.

#### Mount Hope Road Cluster: Overview of Non-Participating Dwellings within 3,350m and 4,950m (Between Black & Blue Lines)

Dwelling ID:	Distance to No Turbine	earest	Number of tu black line of (3,350 m):	rbines within visual magnitude	Number of turbin visual magnitud	nes within blue line of e (4,950 m):		umber of 60° sectors Assessment):	Number of pote turbines:	ntially visible	Visual Impact	Rating:
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
498	4.92 km	4.92 km	0	0	1	1	2	2	57 turbines (18 at tip 39 at hub)	67 turbines (20 at tip 47 at hub)	Nil	Low
Variation:	No Variation		No Variation	1	No Variation		No Variation	1	+ 10 turbines (+ 2 at tip, 8 a	t hub)	of turbines li	g. Partial views
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
318	3.52 km	3.52 km	0	0	14	8	1	1	6 turbines (2 at tip 4 at hub)	3 turbines (1 at tip 2 at hub)	Nil	Nil
Variation:	No Variation		No Variation	1	No Variation		No Variation	1	- 3 turbines (1 at tip, 2 at h	iub)	No Variation	
Dwelling 16	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
	3.84 km	3.84 km	0	0	7	7	1	1	19 turbines (8 at tip 11 at hub)	15 turbines (8 at tip 7 at hub)	Moderate	Moderate
Variation:	No Variation		No Variation	1	No Variation		No Variation	1	- 4 turbines (0 at tip, 4 at h		No Variation	
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
130	4.95 km	4.95 km	0	0	1	1	2	2	67 turbines (25 at tip 42 at hub)	59 turbines (21 at tip 38 at hub)	Low	Low
Variation:	No Variation		No Variation	1	No Variation		No Variation	1	- 8 turbines (4 at tip, 4 at h	iub)	No Variation	L.
Dwelling 241	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
241	4.19 km	4.19 km	0	0	4	4	1	1	4 turbines (3 at tip 1 at hub)	4 turbines (3 at tip 1 at hub)	Nil	Nil
Variation:	No Variation		No Variation	1	No Variation		No Variation	1	No Variation		No Variation	
Dwelling 242	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
L7L	4.39 km	4.39 km	0	0	2	2	1	1	10 turbines (6 at tip 4 at hub)	11 turbines (7 at tip 4 at hub)	Nil	Nil
Variation:	No Variation		No Variation	1	No Variation		No Variation	1	+ 1 turbines (+ 1 at tip, 0 at		No Variation	

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. There is no variation to the number of 60° sectors. Overall there is an increase in the number of visible turbines. Desktop assessment suggests that views of 'MH' cluster will likely be filtered by vegetation along Neilrex Road. Visual impact rating revised to '*Low*'.

Distance to nearest turbine remains unchanged. Number of turbines within black line and between black and blue lines remains unchanged. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of visible turbines. Visual impact rating remains '*Nil*'.

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of visible turbines. 3D assessment suggests that views of 'MH' cluster will be partially screened by vegetation. Moir LA's fieldtrip in March 2021 confirmed existing vegetation between the dwelling and the turbines towards the east will likely filter views of the turbines. Visual impact rating remains '*Moderate*'.

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Overall there is a reduction in the number of visible turbines. Desktop assessment suggests that views of 'MH' cluster will be partially screened by vegetation and farm infrastructure. Visual impact rating remains 'Low'.

Distance to nearest turbine reamins unchanged. Number of turbines within black line and between black and blue lines remains unchanged. There is no variation to the number of 60° sectors. Overall there is no change in the number of turbines. Desktop assessment suggests intervening vegetation will likely obscure views to the turbines. Visual impact rating remains '*Nil*'.

There is no change in distance to nearest turbine. Number of turbines within black line and between black and blue lines remains unchanged. There is no variation to the number of 60° sectors. Overall there is a slight increase in the number of turbines. Desktop assessment suggests intervening vegetation will likely obscure views to the turbines. Visual impact rating remains '*Nil*'.

#### Girragulang Road Cluster: Overview of Non-Participating Dwellings within 3,350m and 4,950m (Between Black & Blue Lines)

Dwelling ID:	Distance to Ne Turbine	arest	Number of turb black line of vis (3,350 m):		Number of turbing of visual magnitu		Theoretical nur (Based on 2D A	nber of 60° sectors Assessment):	Number of poter turbines:	ntially visible	Visual Impact	Rating:	
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	ſ
12	3.97 km	3.97 km	0	0	4	4	1	1	48 turbines (11 at tip 37 at hub)	42 turbines (11 at tip 31 at hub)	Moderate	Moderate	
Variation:	No Variation		No Variation		No Variation		No Variation		- 6 Turbines (0 at tip, 6 at h	ub)	No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
185	4.51 km	4.51 km	0	0	4	4	4	4	100 turbines (23 at tip 77 at hub)	86 turbines (20 at tip 66 at hub)	Moderate	Moderate	
Variation:	No Variation		No Variation		No Variation		No Variation		- 14 Turbines (3 at tip, 11 at		No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	ŀ
283	4.88 km	4.87 km	0	0	1	1	1	1	57 turbines (22 at tip 35 at hub)	51 turbines (20 at tip 31 at hub)	Moderate	Moderate	
Variation:	- 10m	I	No Variation		No Variation		No Variation	1	- 6 Turbines (2 at tip, 4 at h		No Variation		1
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
285	4.36 km	4.35 km	0	0	8	7	1	1	69 turbines (26 at tip 43 at hub)	62 turbines (25 at tip 37 at hub)	Low	Low	
Variation:	- 10m		No Variation	-	- 1 Turbine		No Variation	1	- 7 Turbines (1 at tip, 6 at h	ub)	No Variation		
Dwelling 286	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
200	4.74 km	4.74 km	0	0	5	4	1	1	67 turbines (18 at tip 49 at hub)	60 turbines (18 at tip 42 at hub)	Low	Low	
Variation:	No Variation		No Variation		- 1 Turbine		No Variation		- 7 Turbines (0 at tip, 7 at h	ub)	No Variation		
Dwelling 288	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	+
	4.37 km	4.54 km	0	0	3	2	1	1	22 turbines (8 at tip 14 at hub)	21 turbines (8 at tip 13 at hub)	Low	Low	
Variation:	+ 170m		No Variation		- 1 Turbine		No Variation		- 1 Turbine (0 at tip, 1 at h	ub)	No Variation		

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Number of 60° sectors remains the same. Overall there is a slight reduction in the number of turbines. Desktop assessment suggests intervening topography will likely filter views to the 'MH' and 'LV' clusters. Visual impact rating remains '*Moderate*'.

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Number of 60° sectors remains the same. Overall there is a reduction in the number of turbines. Desktop assessment suggests lack of intervening Vegetation. Visual impact rating remains '*Moderate*'.

There is a negligible reduction in distance to the nearest turbine by 10 m. Number of turbines within black line and between black and blue lines remain unchanged. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of visible turbines. Visual impact rating remains '*Moderate*'.

There is a negligible reduction in distance to the nearest turbine by 10 m. Number of turbines within black line remain unchanged. There is a reduction of one (1) turbine between black and blue lines. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of visible turbines. Visual impact rating remains '*Low*'.

No variation in distance to nearest turbine and number of turbines within black line. There is a reduction of one (1) turbine between black and blue lines. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of visible turbines. Visual impact rating remains '*Low*'.

There is a negligible reduction in distance to the nearest turbine by 170 m. Number of turbines within black line remain unchanged. There is a reduction of one (1) turbine between black and blue lines. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of visible turbines. Visual impact rating remains '*Low*'.

#### Girragulang Road Cluster: Overview of Non-Participating Dwellings within 3,350m and 4,950m (Between Black & Blue Lines)

Dwelling ID:	Distance to No Turbine	earest	Number of tur black line of v (3,350 m):		Number of turbine of visual magnitud			umber of 60° sectors Assessment):	Number of pote turbines:	ntially visible	Visual Impact	Rating:	
Dwelling	2022 2023   A.29 km 4.29 km   ion: No Variation   Particular 2023   A.24 km 4.24 km   ion: No Variation   Ion: 2022 2023   A.24 km 4.24 km   ion: No Variation   Ion: No Variation   Ion: No Variation   Ion: No Variation   2022 2023   Ion: No Variation   Ion: No Variation	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
7	4.29 km	4.29 km	0	0	4	4	1	1	51 turbines (11 at tip 40 at hub)	45 turbines (11 at tip 34 at hub)	Moderate	Moderate	
Variation:	No Variation		No Variation		No Variation		No Variation	1	- 6 turbines (0 at tip, 6 at h	nub)	No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
8	4.24 km	4.24 km	0	0	4	4	1	1	51 turbines (12 at tip 39 at hub)	45 turbines (12 at tip 33 at hub)	Moderate	Moderate	
Variation:	No Variation		No Variation		No Variation		No Variation	1	- 6 turbines (0 at tip, 6 at h	,	No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
9	4.72 km	4.72 km	0	0	3	3	1	1	52 turbines (21 at tip 31 at hub)	46 turbines (20 at tip 26 at hub)	Moderate	Moderate	   
Variation:	No Variation		No Variation		No Variation		No Variation	1	- 6 turbines (1 at tip, 5 at h	nub)	No Variation		
Dwalling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 10	4.47 km	4.47 km	0	0	3	3	1	1	52 turbines (13 at tip 39 at hub)	46 turbines (12 at tip 34 at hub)	Moderate	Moderate	
Variation:	No Variation		No Variation		No Variation		No Variation	1	- 6 turbines (1 at tip, 5 at h		No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
11	4.21 km	4.21 km	0	0	4	4	1	1	49 turbines (13 at tip 36 at hub)	43 turbines (12 at tip 31 at hub)	Moderate	Low	 
Variation:	No Variation		No Variation		No Variation		No Variation	1	- 6 turbines (1 at tip, 5 at h	nub)	Visual impac reduced to 'l		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
287	4.40 km	4.55 km	0	0	3	2	1	1	35 turbines (10 at tip 25 at hub)	30 turbines (7 at tip 23 at hub)	Low	Low	
Variation:	+ 150 m		No Variation		- 1 turbine		No Variation	1	- 5 turbines (3 at tip, 2 at h		No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
289	4.66 km	4.86 km	0	0	2	1	1	1	7 turbines (5 at tip 2 at hub)	7 turbines (5 at tip 2 at hub)	Low	Low	
Variation:	+ 200 m		No Variation		- 1 turbine	1	No Variation	1	No Variation	, ,	No Variation		

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Number of 60° sectors remains the same. Overall there is a slight reduction in the number of turbines. Desktop assessment suggests intervening topography will likely filter views to the 'MH' and 'LV' clusters. Visual impact rating remains '*Moderate*'.

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Number of 60° sectors remains the same. Overall there is a slight reduction in the number of turbines. Desktop assessment suggests intervening topography will likely filter views to the 'MH' and 'LV' clusters. Existing vegetation surrounding the dwelling may likely filter views to some turbines. Visual impact rating remains '*Moderate*'.

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Number of 60° sectors remains the same. Overall there is a slight reduction in the number of turbines. Desktop assessment suggests intervening topography will likely filter views to the 'MH' and 'LV' clusters. Existing vegetation surrounding the dwelling may likely filter views to some turbines. Visual impact rating remains '*Moderate*'.

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Number of 60° sectors remains the same. Overall there is a slight reduction in the number of turbines. Desktop assessment suggests intervening topography will likely filter views to the 'MH' and 'LV' clusters. Existing vegetation surrounding the dwelling may likely filter views to some turbines. Visual impact rating remains '*Moderate*'.

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Number of 60° sectors remains the same. Overall there is a slight reduction in the number of turbines. Detailed assessment suggests intervening vegetation is likely filter views to the 'GR' cluster. Visual impact rating has been reassessed as 'Low'. Refer to Appendix B3.

There is a slight increase in distance to nearest turbine. Number of turbines within black line remains unchanged and one (1) turbine is reduced between black and blue lines. There is no variation to the number of 60° sectors. Overall there is a slight reduction in the number of turbines. Desktop assessment suggests intervening topography will likely filter views to the turbines. Visual impact rating remains '*Low*'.

There is a slight increase in distance to nearest turbine. Number of turbines within black line remains unchanged and one (1) turbine is reduced between black and blue lines. There is no variation to the number of 60° sectors and the potential visible turbines. Desktop assessment suggests intervening topography will likely filter views to the turbines. Visual impact rating remains '*Low*'.

## Girragulang Road Cluster: Overview of Non-Participating Dwellings within 3,350m and 4,950m (Between Black & Blue Lines)

Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	No
284	3.91 km	3.91 km	0	0	10	10	2	4	02 turbingg	70 turbingg	Not	Low	tur Nu
	3.91 KIII	3.91 KIII	0	U	10	10	2	1	82 turbines (24 at tip	70 turbines (20 at tip	Not assessed	Low	the
									58 at hub)	50 at hub)			ass
Variation:	No Variation		No Variation		No Variation	No Variation		- One (1) 60 degree sector		- 12 turbines		No previous Assessment	
									(4 at tip, 8 at	hub)			Mo
													ph
													illu
													dw
													Vis
													Re

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Number of 60° sectors has reduced to one (1). Overall there is a reduction in the number of visible turbines. 3D assessment suggests that views of 'GR' cluster will be partially screened by vegetation and farm infrastructure. Moir LA attended the dwelling in January 2023. Three (3) photomontages have been prepared for the landowner illustrating there is limited visibility of the Project from the dwelling. A small number of turbines are visible to the west.

/isual impact has been rated as 'Low'.

Refer to Appendix B1.

#### Leadville Road Cluster: Overview of Non-Participating Dwellings within 3,350m and 4,950m (Between Black & Blue Lines)

Dwelling ID:	Distance to Nearest Turbine		Number of turbines within black line of visual magni- tude (3,350 m):		Number of turbines within blue line of visual magnitude (4,950 m):		Theoretical number of 60° sectors (Based on 2D Assessment):		Number of potentially visible turbines:		Visual Impact Rating:		
Dwelling 21	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	1
	4.11 km	4.11 km	0	0	2	3	1	1	145 turbines (15 at tip 130 at hub)	127 turbines (13 at tip 114 at hub)	Moderate	Moderate	
Variation:	No Variation		No Variation		+ 1 Turbine		No Variation		- 18 Turbines (2 at tip, 16 at hub)		No Variation		1
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	•
154 (rep- resents 152-176)	3.51 km	3.46 km	0	0	4	3	1	1	143 turbines (29 at tip 114 at hub)	126 turbines (26 at tip 100 at hub)	Moderate	Moderate	
Variation:	: - 50m		No Variation		- 1 Turbine		No Variation		- 17 Turbines (3 at tip, 14 at hub)		No Variation		- 1
Dwelling 178	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	-
170	3.63 km	3.60 km	0	0	4	4	1	1	148 turbines (27 at tip 121 at hub)	105 turbines (17 at tip 88 at hub)	Low	Low	
Variation:	: - 30m		No Variation		No Variation		No Variation		- 43 Turbines (10 at tip, 33 at hub)		No Variation		

No variation in distance to nearest turbine. Number of turbines within black line remains unchanged and one (1) turbine is increased between black and blue line. Number of 60° sectors remains the same. Overall there is a reduction in the number of turbines. Desktop assessment suggests intervening topography will likely filter views to the 'MH' and 'LV' clusters. Visual impact rating remains '*Moderate*'.

There is a negligible increase in distance to the nearest turbine by 50 m. Number of turbines within black line remains unchanged and one (1) turbine is reduced between black and blue line. Number of 60° sectors remains the same. Overall there is a reduction in the number of turbines. Visual impact rating remains '*Moderate*'.

There is a negligible increase in distance to the nearest turbine by 30 m. Number of turbines within black line and between black and blue lines remain unchanged.. Number of 60° sectors remains the same. Overall there is a significant reduction in the number of turbines. 3D Assessment suggests turbines associated with the 'LV' cluster remain unchanged. Visual impact rating remains '*Low*'.

#### Leadville Road Cluster: Overview of Non-Participating Dwellings within 3,350m and 4,950m (Between Black & Blue Lines)

Dwelling ID:	elling Distance to Nearest Turbine				Number of turbines within blue line of visual magnitude (4,950 m):		Theoretical number of 60° sectors (Based on 2D Assessment):		Number of potentially visible turbines:		Visual Impact Rating:		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	-
313	3.74 km	3.71 km	0	0	4	4	1	1	131 turbines (20 at tip 111 at hub)	117 turbines (20 at tip 97 at hub)	Moderate	Moderate	i
Variation:	- 30m		No Variation		No Variation		No Variation		- 14 Turbines (0 at tip, 14 at hub)		No Variation		ร เ
Dwelling 323	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	- 1
	4.79 km	4.75 km	0	0	1	1	1	1	108 turbines (16 at tip 92 at hub)	98 turbines (16 at tip 82 at hub)	Nil	Nil	
Variation:	- 40m	·	No Variation		No Variation		No Variation		- 10 Turbines (0 at tip, 10 at hub)		No Variation		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	- t
357	3.41 km	3.39 km	0	0	6	6	2	2	62 turbines (29 at tip 33 at hub)	58 turbines (27 at tip 31 at hub)	Nil	Nil	
Variation:	: - 20m		No Variation		No Variation		No Variation		- 4 Turbines (2 at tip, 2 at hub)		No Variation		

There is a negligible increase in distance to the nearest turbine by 30 m. Number of turbines within black line and between black and blue lines remain unchanged. Number of 60° sectors remains the same. Overall there is a reduction in the number of turbines. 3D Assessment suggests turbines associated with the 'LV' cluster remain unchanged. Visual impact rating remains '*Moderate*'.

There is a negligible increase in distance to the nearest turbine by 40 m. Number of turbines within black line and between black and blue lines remain unchanged. Number of 60° sectors remains the same. Overall there is a reduction in the number of turbines. Visual impact rating remains '*Nif*'.

There is a negligible increase in distance to the nearest turbine by 20 m. Number of turbines within black line and between black and blue lines remain unchanged. Number of 60° sectors remains the same. Overall there is a slight reduction in the number of turbines. Visual impact rating remains '*Nif*'.

#### Leadville Road Cluster: Overview of Non-Participating Dwellings within 3,350m and 4,950m (Between Black & Blue Lines)

Dwelling ID:	Distance to Nearest Turbine		Number of turbines within black line of visual magnitude (3,350 m):		Number of turbines within blue line of visual magnitude (4,950 m):		Theoretical number of 60° sectors (Based on 2D Assessment):		Number of potentially visible turbines:		Visual Impact Rating:		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	1
203	4.28 km	4.28 km	0	0	2	2	1	1	147 turbines (7 at tip 140 at hub)	129 turbines (7 at tip 122 at hub)	Moderate	Moderate	1
Variation:	No Variation		No Variation		No Variation		No Variation		- 18 turbines (0 at tip, 18 at hub)		No Variation		1
Dwelling 192	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	[  } 
	4.45 km	4.56 km	0	0	1	1	1	1	15 turbines (2 at tip 13 at hub)	15 turbines (1 at tip 14 at hub)	Nil	Nil	
Variation:	+ 160m		No Variation	1	No Variation		No Variation		No Variation		No Variation		Ì
Dwelling 200	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	-
200	4.59 km	4.50 km	0	0	1	1	1	1	116 turbines (15 at tip 101 at hub)	102 turbines (14 at tip 88 at hub)	Nil	Nil	
Variation:	: - 90m		No Variation	No Variation		No Variation		No Variation		- 14 turbines (1 at tip, 13 at hub)		No Variation	

No variation in distance to nearest turbine and number of turbines within black line and between black and blue lines. Number of 60° sectors remains the same. 3D assessment suggests that there is a reduction of turbines of 'MH' cluster and 'GR' cluster in the visual catchment. Vegetation along Sir Ivan Doherty Dr will filter views towards the 'MH' and 'GR' clusters. However, there is no change to the turbines for 'LV' cluster in the visual catchment. Visual impact rating remains '**Moderate**'.

Distance to the nearest turbine has been increased by 160m. There is no variation between the number of turbines within black line and between black and blue lines. Overall number of potentially visible turbines at hub height remain unchanged. Aerial imagery indicates existing vegetation and farm infrastructure in dwelling foreground will fragment most views of the 'MH' and 'GR' clusters. Visual impact rating remains unchanged at '**Nil**'.

Distance to the nearest turbine has been reduced by 90m. There is no variation between the number of turbines within black line and between black and blue lines. Number of 60° sectors remains the same. Overall number of potentially visible turbines at hub height has reduced. Aerial imagery indicates existing vegetation surrounding the dwelling will obscure views of the 'MH' and 'GR' clusters. Visual impact rating remains unchanged at '*NIL*'.

## Overview of Non-Participating Dwellings in excess of 4,950m with Multiple Visible Sectors

Dwelling ID:	Distance to Nearest Turbine		Number of turbines within black line of visual magnitude (3,350 m):		Total number of turbines within 8,000 m:		Theoretical number of 60° sectors (Based on 2D Assessment):		Number of potentially visible turbines:		Visual Impact Rating:		
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	-
183	5.15 km	5.17 km	0	0	30	28	4	3	130 turbines (30 at tip 100 at hub)	114 turbines (25 at tip 89 at hub)	Low	Low	L   k   i
Variation:	: + 20m		No Variation		- 2 Turbines		- One (1) 60 degree sector		- 16 Turbines (5 at tip, 11 at hub)		No Variation		r
Dwelling	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	t
184	5.16 km	5.17 km	0	0	35	33	4	3	127 turbines (20 at tip 107 at hub)	109 turbines (18 at tip 91 at hub)	Low	Low	k i
Variation:	: +10m		No Variation		- 2 Turbines		- One (1) 60 degree sector		- 18 Turbines (2 at tip, 16 at hub)		No Variation		r
Dwelling 311	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	t
	5.79 km	5.86 km	0	0	20	18	4	3	43 turbines (16 at tip 27 at hub)	41 turbines (16 at tip 25 at hub)	Low	Low	i r
Variation:	: + 70m		No Variation		- 2 Turbines		- One (1) 60 degree sector		- 2 Turbines (0 at tip, 2 at hub)		No Variation		r

There is a negligible increase in distance to the nearest turbine by 20 m. Number of turbines within black line and between black and blue lines remain unchanged. There is a slight reduction in turbines within 8,000m. There is a reduction in number of 60° sectors. Overall there is a reduction in the number of turbines. Visual impact rating remains '*Low*'.

There is a negligible increase in distance to the nearest turbine by 10 m. Number of turbines within black line and between black and blue lines remain unchanged. There is a slight reduction in turbines within 8,000m. There is a reduction in number of 60° sectors. Overall there is a reduction in the number of turbines. Visual impact rating remains '*Low*'.

There is a negligible increase in distance to the nearest turbine by 70 m. Number of turbines within black line and between black and blue lines remain unchanged. There is a slight reduction in turbines within 8,000m. There is a reduction in number of 60° sectors. Overall there is a slight reduction in the number of turbines. Visual impact rating remains '*Low*'.