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Updated Dwelling Assessment Summary

Mount Hope Cluster: Overview of Non-Participating Dwellings within 3,350 m (Black Line)

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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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'.
	Variation: + 20m		- 2 Turbines		- 4 Turbines		No Variation		- 9 Turbines (1 at tip, 8 at hub)		No Variation		
Dwelling 76	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	
	Variation: + 780m		- 2 Turbines		- 3 Turbines		No Variation		- 10 Turbines (0 at tip, 10 at hub)		No Variation		
Dwelling 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	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'.
	Variation: No Variation		- 1 Turbine		- 6 Turbines		No Variation		- 11 Turbines (2 at tip, 9 at hub)		No Variation		
Dwelling 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 degree sector		- 8 Turbines (0 at tip, 8 at hub)		No Variation		

Mount Hope Cluster: Overview of Non-Participating Dwellings within 3,350 m (Black Line)

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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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 <i>Mitigation measures proposed in Appendix E would reduce the visual impact from this dwelling.</i>
	Variation: + 20m		- 1 Turbine		- 6 Turbines		No Variation		- 7 Turbines (0 at tip, 7 at hub)		Reduced visual impact rating.		
Dwelling 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 degree sector		- 7 Turbines (0 at tip, 7 at hub)		No Variation		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 '.
Dwelling 87	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 degree sector		- 7 Turbines (1 at tip, 6 at hub)		No Variation		
Dwelling 90	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	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 '.
	Variation: No Variation		No Variation		No Variation		- One (1) 60 degree sector		- 8 Turbines (1 at tip, 7 at hub)		Reduced visual impact rating.		

Mount Hope Cluster: Overview of Non-Participating Dwellings within 3,350 m (Black Line)

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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 239	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	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		No Variation		- 2 Turbines		- One (1) 60 degree sector		- 8 Turbines (6 at tip, 2 at hub)		No Variation		
Variation:	No Variation		No Variation		- 2 Turbines		- One (1) 60 degree sector		- 8 Turbines (6 at tip, 2 at hub)		No Variation		
Dwelling 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	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		No Variation		- 1 Turbine		- One (1) 60 degree sector		- 6 Turbines (5 at tip, 1 at hub)		No Variation		
Variation:	No Variation		No Variation		- 1 Turbine		- One (1) 60 degree sector		- 6 Turbines (5 at tip, 1 at hub)		No Variation		
Dwelling 282	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	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		No Variation		- 2 Turbines		No Variation		- 8 Turbines (0 at tip, 8 at hub)		No Variation		
Variation:	No Variation		No Variation		- 2 Turbines		No Variation		- 8 Turbines (0 at tip, 8 at hub)		No Variation		
Dwelling 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	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 '.
	No Variation		- 1 Turbine		- 3 Turbines		No Variation		No Variation		No Variation		
Variation:	No Variation		- 1 Turbine		- 3 Turbines		No Variation		No Variation		No Variation		

Mount Hope Cluster: Overview of Non-Participating Dwellings within 3,350 m (Black Line)

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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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 '.
	No Variation		- 2 Turbines		- 6 Turbines		No Variation		- 12 Turbines (0 at tip, 12 at hub)		No variation.		
Dwelling 199	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	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 re-assessed as 'Low' due to the reduction in number of visible turbines.
	- 230m		- 3 turbines		- 2 turbines		No variation		- 8 Turbines (2 at tip, 6 at hub)		Reduced visual impact rating.		
Dwelling 91	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	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.
	No variation		No variation		- 2 turbines		No variation		- 8 Turbines (1 at tip, 7 at hub)		No Variation		

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

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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 20	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	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 '.
	Variation: - 50m		No Variation		No Variation		No Variation		- 13 Turbines (3 at tip, 10 at hub)		No Variation		
Dwelling 177	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	
	Variation: - 740m		No Variation		No Variation		No Variation		- 11 Turbines (2 at tip, 10 at hub)		No Variation		Refer to Appendix B5.
Dwelling 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	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 '.
	Variation: - 20m		No Variation		No Variation		No Variation		- 11 Turbines (0 at tip, 11 at hub)		No Variation		
Dwelling 187	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	
	Variation: No Variation		No Variation		No Variation		No Variation		No Variation		No Variation		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 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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 180	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	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		- 1 turbine		+ 1 turbine		No variation		- 10 Turbines (0 at tip, 10 at hub)		Reduced visual impact rating.		
Dwelling 182	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	
	No variation		No variation		No variation		No variation		- 10 Turbines (0 at tip, 10 at hub)		No variation		
Dwelling 190	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	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 '.
	No variation		No variation		No variation		No variation		- 5 Turbines (0 at tip, 5 at hub)		Reduced visual impact rating.		

Mount Hope 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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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 '.
	Variation: - 20m		No Variation		No Variation		No Variation		- 7 Turbines (4 at tip, 3 at hub)		No Variation		
Dwelling 138	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 at hub)		No Variation		
Dwelling 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	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 '.
	Variation: No Variation		No Variation		No Variation		No Variation		No Variation		No Variation		
Dwelling 243	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	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	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 '.
	Variation: + 20m		No Variation		No Variation		No Variation		- 8 Turbines (1 at tip, 7 at hub)		No Variation		

Mount Hope 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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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 '.
	No Variation		No Variation		No Variation		No Variation		+ 10 turbines (+ 2 at tip, 8 at hub)		Revised potential visual impact rating. Partial views of turbines likely to be available in the southeast.		
Dwelling 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	
	No Variation		No Variation		No Variation		No Variation		- 3 turbines (1 at tip, 2 at hub)		No Variation		
Dwelling 16	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	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		No Variation		No Variation		No Variation		- 4 turbines (0 at tip, 4 at hub)		No Variation		
Dwelling 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	
	No Variation		No Variation		No Variation		No Variation		- 8 turbines (4 at tip, 4 at hub)		No Variation		
Dwelling 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	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 no change in the number of turbines. Desktop assessment suggests intervening vegetation will likely obscure views to the turbines. Visual impact rating remains ' Nil '.
	No Variation		No Variation		No Variation		No Variation		No Variation		No Variation		
Dwelling 242	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	
	No Variation		No Variation		No Variation		No Variation		+ 1 turbines (+ 1 at tip, 0 at hub)		No Variation		

Girragulang 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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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		No Variation		No Variation		No Variation		- 6 Turbines (0 at tip, 6 at hub)		No Variation		
Dwelling 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	
	No Variation		No Variation		No Variation		No Variation		- 14 Turbines (3 at tip, 11 at hub)		No Variation		
Dwelling 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	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 '.
	- 10m		No Variation		No Variation		No Variation		- 6 Turbines (2 at tip, 4 at hub)		No Variation		
Dwelling 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	
	- 10m		No Variation		- 1 Turbine		No Variation		- 7 Turbines (1 at tip, 6 at hub)		No Variation		
Dwelling 286	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	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 '.
	No Variation		No Variation		- 1 Turbine		No Variation		- 7 Turbines (0 at tip, 7 at hub)		No Variation		
Dwelling 288	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	
	+ 170m		No Variation		- 1 Turbine		No Variation		- 1 Turbine (0 at tip, 1 at hub)		No Variation		

Girragulang 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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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		No Variation		No Variation		No Variation		- 6 turbines (0 at tip, 6 at hub)		No Variation		
Dwelling 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	
	No Variation		No Variation		No Variation		No Variation		- 6 turbines (0 at tip, 6 at hub)		No Variation		
Dwelling 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	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		No Variation		No Variation		No Variation		- 6 turbines (1 at tip, 5 at hub)		No Variation		
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	
	No Variation		No Variation		No Variation		No Variation		- 6 turbines (1 at tip, 5 at hub)		No Variation		
Dwelling 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	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 re-assessed as ' Low '. Refer to Appendix B3.
	No Variation		No Variation		No Variation		No Variation		- 6 turbines (1 at tip, 5 at hub)		Visual impact rating reduced to 'low'		
Dwelling 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	
	+ 150 m		No Variation		- 1 turbine		No Variation		- 5 turbines (3 at tip, 2 at hub)		No Variation		
Dwelling 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	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 '.
	+ 200 m		No Variation		- 1 turbine		No Variation		No Variation		No Variation		

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

Dwelling 284	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
	3.91 km	3.91 km	0	0	10	10	2	1	82 turbines (24 at tip 58 at hub)	70 turbines (20 at tip 50 at hub)	Not assessed	Low	
Variation:	No Variation		No Variation		No Variation		- One (1) 60 degree sector		- 12 turbines (4 at tip, 8 at hub)		No previous Assessment		<p>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.</p> <p>Visual impact has been rated as 'Low'.</p> <p>Refer to Appendix B1.</p>

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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 21													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' .
	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		
Dwelling 154 (represents 152-176)													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' .
	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		
Dwelling 178													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' .
	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		

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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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' .
	Variation: - 30m		No Variation		No Variation		No Variation		- 14 Turbines (0 at tip, 14 at hub)		No Variation		
Dwelling 323	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		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 'Nil' .
Dwelling 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		

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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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 '.
	No Variation		No Variation		No Variation		No Variation		- 18 turbines (0 at tip, 18 at hub)		No Variation		
Variation:	No Variation		No Variation		No Variation		No Variation		- 18 turbines (0 at tip, 18 at hub)		No Variation		
Dwelling 192	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	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 '.
	+ 160m		No Variation		No Variation		No Variation		No Variation		No Variation		
Variation:	+ 160m		No Variation		No Variation		No Variation		No Variation		No Variation		
Dwelling 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	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 '.
	- 90m		No Variation		No Variation		No Variation		- 14 turbines (1 at tip, 13 at hub)		No Variation		
Variation:	- 90m		No Variation		No Variation		No Variation		- 14 turbines (1 at tip, 13 at hub)		No Variation		

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:		Assessment Notes:
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	
Dwelling 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	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 '.
	Variation: + 20m		No Variation		- 2 Turbines		- One (1) 60 degree sector		- 16 Turbines (5 at tip, 11 at hub)		No Variation		
Dwelling 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	
	Variation: + 10m		No Variation		- 2 Turbines		- One (1) 60 degree sector		- 18 Turbines (2 at tip, 16 at hub)		No Variation		
Dwelling 311	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	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 '.
	Variation: + 70m		No Variation		- 2 Turbines		- One (1) 60 degree sector		- 2 Turbines (0 at tip, 2 at hub)		No Variation		