



APPENDIX 12-5

***DIRECTIONAL NOISE
PREDICTIONS***



Directional Noise Predictions

The following eight tables show, for each of the direction sectors, the predicted noise levels in dB L_{A90} compared against daytime and night-time criteria. Noise-sensitive locations which do not have exceedances in the omni-directional predictions are not included.

Where the noise levels are below the limits, ‘–’ is shown.

Table 1 Review of Cumulative Predicted Turbine Noise Levels against Relevant Criteria – Direction: North

House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H001	Dwelling	29.4	33.1	36.5	37.5	37.8	38.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H002	Dwelling	27.9	31.9	35.3	36.3	36.6	36.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H003	Dwelling	27.7	31.8	35.2	36.2	36.4	36.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H004	Dwelling	27.3	31.6	35.1	36.1	36.3	36.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H005	Dwelling	26.8	31.1	34.6	35.6	35.8	35.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H006	Dwelling	26.3	30.5	33.9	35.0	35.1	35.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H007	Dwelling	26.3	30.6	34.1	35.1	35.3	35.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H022	Dwelling	32.2	36.7	40.3	41.3	41.4	41.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.3	1.3	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H023	Dwelling	33.2	37.8	41.5	42.4	42.5	42.5
	Daytime Criterion	40.0	40.0	45.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	44.8
	Night time Excess	--	--	--	--	--	--
H024	Dwelling	25.6	30.1	33.7	34.7	34.7	34.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H025	Dwelling	26.3	30.8	34.4	35.4	35.5	35.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H026	Dwelling	26.7	31.2	34.9	35.9	35.9	35.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H027	Dwelling	25.7	30.2	33.8	34.8	34.9	34.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H028	Dwelling	26.8	31.3	35.0	35.9	36.0	36.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H029	Dwelling	33.8	37.6	41.0	42.1	42.4	42.6
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	1.0	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥ 9
H030	Dwelling	33.5	37.2	40.6	41.6	42.0	42.2
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	0.6	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H031	Dwelling	33.6	37.3	40.5	41.6	42.0	42.3
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	0.5	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H032	Dwelling	34.2	37.7	40.8	42.0	42.4	42.8
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	0.8	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H033	Dwelling	33.4	36.9	40.1	41.3	41.7	42.1
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	0.1	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H034	Dwelling	33.8	37.2	40.3	41.5	41.9	42.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.3	1.5	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H035	Dwelling	33.7	36.9	40.0	41.2	41.7	42.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	1.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H037	Dwelling	31.0	35.5	39.1	40.1	40.2	40.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H039	Dwelling	31.3	35.8	39.4	40.4	40.5	40.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H057	Dwelling	32.5	37.0	40.7	41.7	41.7	41.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥ 9
	Daytime Excess	--	--	0.7	1.7	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H058	Dwelling	30.6	35.1	38.8	39.8	39.8	39.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H059	Dwelling	30.5	35.1	38.7	39.7	39.8	39.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H060	Dwelling	30.8	35.4	39.0	40.0	40.0	40.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H061	Dwelling	30.8	35.3	39.0	40.0	40.0	40.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H062	Dwelling	30.8	35.4	39.0	40.0	40.0	40.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H063	Dwelling	30.4	34.9	38.6	39.6	39.6	39.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H064	Dwelling	30.2	34.8	38.4	39.4	39.5	39.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H075	Dwelling	30.5	35.0	38.7	39.7	39.7	39.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H076	Dwelling	30.1	34.7	38.3	39.3	39.4	39.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H077	Dwelling	29.1	33.7	37.3	38.3	38.4	38.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H087	Dwelling	25.4	29.9	33.6	34.5	34.6	34.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H088	Dwelling	26.6	31.1	34.7	35.7	35.7	35.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H089	Dwelling	27.0	31.0	34.4	35.5	35.7	35.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H090	Dwelling	27.0	31.2	34.7	35.7	35.8	36.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H091	Dwelling	31.1	35.6	39.3	40.3	40.3	40.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.3	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H092	Dwelling	31.9	36.3	39.9	40.9	41.0	41.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.9	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥ 9
	Night time Excess	--	--	--	--	--	--
H023	Dwelling	33.7	38.3	42.0	42.9	43.0	43.0
	Daytime Criterion	40.0	40.0	45.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	44.8
	Night time Excess	--	--	--	--	--	--
H024	Dwelling	28.3	32.8	36.4	37.4	37.4	37.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H025	Dwelling	28.9	33.4	37.0	38.0	38.1	38.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H026	Dwelling	29.2	33.7	37.4	38.4	38.4	38.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H027	Dwelling	28.3	32.8	36.4	37.4	37.5	37.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H028	Dwelling	29.4	33.9	37.6	38.5	38.6	38.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H029	Dwelling	32.1	35.9	39.3	40.4	40.7	40.9
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H030	Dwelling	32.0	35.7	39.1	40.1	40.5	40.7
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
	Dwelling	32.3	36.0	39.2	40.3	40.7	41.0



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H031	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H032	Dwelling	33.2	36.7	39.8	41.0	41.4	41.8
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H033	Dwelling	32.4	35.9	39.1	40.3	40.7	41.1
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H034	Dwelling	33.0	36.4	39.5	40.7	41.1	41.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.7	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H035	Dwelling	32.9	36.1	39.2	40.4	40.9	41.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H037	Dwelling	31.0	35.5	39.1	40.1	40.2	40.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H039	Dwelling	31.2	35.7	39.3	40.3	40.4	40.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.3	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H057	Dwelling	33.0	37.5	41.2	42.2	42.2	42.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	1.2	2.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H058	Dwelling	31.2	35.7	39.4	40.4	40.4	40.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥ 9
	Night time Excess	--	--	--	--	--	--
H077	Dwelling	31.0	35.6	39.2	40.2	40.3	40.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H087	Dwelling	28.8	33.3	37.0	37.9	38.0	38.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H088	Dwelling	29.1	33.6	37.2	38.2	38.2	38.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H089	Dwelling	27.4	31.4	34.8	35.9	36.1	36.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H090	Dwelling	27.3	31.5	35.0	36.0	36.1	36.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H091	Dwelling	31.1	35.6	39.3	40.3	40.3	40.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.3	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H092	Dwelling	31.1	35.5	39.1	40.1	40.2	40.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--



Table 3 Review of Cumulative Predicted Turbine Noise Levels against Relevant Criteria – Direction: East

House ID	Description	Predicted L _{A90, 10min} Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H001	Dwelling	31.8	35.5	38.9	39.9	40.2	40.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H002	Dwelling	30.4	34.4	37.8	38.8	39.1	39.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H003	Dwelling	30.1	34.2	37.6	38.6	38.8	39.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H004	Dwelling	30.3	34.6	38.1	39.1	39.3	39.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H005	Dwelling	29.8	34.1	37.6	38.6	38.8	38.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H006	Dwelling	29.1	33.3	36.7	37.8	37.9	38.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H007	Dwelling	29.3	33.6	37.1	38.1	38.3	38.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H022	Dwelling	28.9	33.4	37.0	38.0	38.1	38.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H023	Dwelling	33.4	38.0	41.7	42.6	42.7	42.7
	Daytime Criterion	40.0	40.0	45.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	44.8
	Night time Excess	--	--	--	--	--	--
H024	Dwelling	30.8	35.3	38.9	39.9	39.9	39.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H025	Dwelling	31.5	36.0	39.6	40.6	40.7	40.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.6	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H026	Dwelling	31.8	36.3	40.0	41.0	41.0	41.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	1.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H027	Dwelling	30.9	35.4	39.0	40.0	40.1	40.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H028	Dwelling	31.8	36.3	40.0	40.9	41.0	41.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.9	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H029	Dwelling	30.7	34.5	37.9	39.0	39.3	39.5
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H030	Dwelling	30.6	34.3	37.7	38.7	39.1	39.3
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H031	Dwelling	31.0	34.7	37.9	39.0	39.4	39.7
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0



House ID	Description	Predicted L _{A90, 10 min} Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H032	Dwelling	32.0	35.5	38.6	39.8	40.2	40.6
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H033	Dwelling	31.3	34.8	38.0	39.2	39.6	40.0
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H034	Dwelling	31.8	35.2	38.3	39.5	39.9	40.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H035	Dwelling	30.7	33.9	37.0	38.2	38.7	39.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H037	Dwelling	28.6	33.1	36.7	37.7	37.8	37.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H039	Dwelling	28.5	33.0	36.6	37.6	37.7	37.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H057	Dwelling	32.7	37.2	40.9	41.9	41.9	41.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.9	1.9	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H058	Dwelling	31.2	35.7	39.4	40.4	40.4	40.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H059	Dwelling	31.0	35.6	39.2	40.2	40.3	40.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H060	Dwelling	31.3	35.9	39.5	40.5	40.5	40.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.5	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H061	Dwelling	31.3	35.8	39.5	40.5	40.5	40.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.5	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H062	Dwelling	31.4	36.0	39.6	40.6	40.6	40.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.6	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H063	Dwelling	31.2	35.7	39.4	40.4	40.4	40.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H064	Dwelling	30.9	35.5	39.1	40.1	40.2	40.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H075	Dwelling	31.4	35.9	39.6	40.6	40.6	40.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.6	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H076	Dwelling	31.2	35.8	39.4	40.4	40.5	40.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥ 9
H077	Dwelling	31.0	35.6	39.2	40.2	40.3	40.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H087	Dwelling	30.7	35.2	38.9	39.8	39.9	39.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H088	Dwelling	31.7	36.2	39.8	40.8	40.8	40.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.8	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H089	Dwelling	29.5	33.5	36.9	38.0	38.2	38.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H090	Dwelling	29.7	33.9	37.4	38.4	38.5	38.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H091	Dwelling	29.5	34.0	37.7	38.7	38.7	38.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H092	Dwelling	27.8	32.2	35.8	36.8	36.9	36.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--



Table 4 Review of Cumulative Predicted Turbine Noise Levels against Relevant Criteria – Direction: Southeast

House ID	Description	Predicted L _{A90, 10min} Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H001	Dwelling	33.4	37.1	40.5	41.5	41.8	42.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.5	1.5	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H002	Dwelling	32.5	36.5	39.9	40.9	41.2	41.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.9	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H003	Dwelling	32.5	36.6	40.0	41.0	41.2	41.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	1.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H004	Dwelling	32.3	36.6	40.1	41.1	41.3	41.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.1	1.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H005	Dwelling	31.8	36.1	39.6	40.6	40.8	40.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.6	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H006	Dwelling	31.3	35.5	38.9	40.0	40.1	40.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H007	Dwelling	31.6	35.9	39.4	40.4	40.6	40.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H022	Dwelling	26.3	30.8	34.4	35.4	35.5	35.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
	Dwelling	31.9	36.5	40.2	41.1	41.2	41.2



House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H023	Daytime Criterion	40.0	40.0	45.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	44.8
	Night time Excess	--	--	--	--	--	--
H024	Dwelling	31.9	36.4	40.0	41.0	41.0	41.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	1.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H025	Dwelling	32.5	37.0	40.6	41.6	41.7	41.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.6	1.6	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H026	Dwelling	32.8	37.3	41.0	42.0	42.0	42.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	1.0	2.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H027	Dwelling	32.0	36.5	40.1	41.1	41.2	41.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.1	1.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H028	Dwelling	32.9	37.4	41.1	42.0	42.1	42.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	1.1	2.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H029	Dwelling	29.7	33.5	36.9	38.0	38.3	38.5
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H030	Dwelling	29.4	33.1	36.5	37.5	37.9	38.1
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H031	Dwelling	29.6	33.3	36.5	37.6	38.0	38.3
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--



House ID	Description	Predicted L _{A90, 10 min} Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
	Night time Excess	--	--	--	--	--	--
H059	Dwelling	30.3	34.9	38.5	39.5	39.6	39.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H060	Dwelling	30.4	35.0	38.6	39.6	39.6	39.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H061	Dwelling	30.5	35.0	38.7	39.7	39.7	39.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H062	Dwelling	30.6	35.2	38.8	39.8	39.8	39.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H063	Dwelling	30.3	34.8	38.5	39.5	39.5	39.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H064	Dwelling	30.1	34.7	38.3	39.3	39.4	39.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H075	Dwelling	31.2	35.7	39.4	40.4	40.4	40.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H076	Dwelling	31.2	35.8	39.4	40.4	40.5	40.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
	Dwelling	31.0	35.6	39.2	40.2	40.3	40.2



House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H077	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H087	Dwelling	31.1	35.6	39.3	40.2	40.3	40.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H088	Dwelling	32.8	37.3	40.9	41.9	41.9	41.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.9	1.9	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H089	Dwelling	31.9	35.9	39.3	40.4	40.6	40.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H090	Dwelling	31.9	36.1	39.6	40.6	40.7	40.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.6	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H091	Dwelling	26.0	30.5	34.2	35.2	35.2	35.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H092	Dwelling	26.2	30.6	34.2	35.2	35.3	35.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--



Table 5 Review of Cumulative Predicted Turbine Noise Levels against Relevant Criteria – Direction: South

House ID	Description	Predicted L _{A90, 10min} Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H001	Dwelling	34.5	38.2	41.6	42.6	42.9	43.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	1.6	2.6	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	0.2
H002	Dwelling	33.6	37.6	41.0	42.0	42.3	42.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	1.0	2.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H003	Dwelling	33.5	37.6	41.0	42.0	42.2	42.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	1.0	2.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H004	Dwelling	33.2	37.5	41.0	42.0	42.2	42.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	1.0	2.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H005	Dwelling	32.7	37.0	40.5	41.5	41.7	41.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.5	1.5	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H006	Dwelling	32.2	36.4	39.8	40.9	41.0	41.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.9	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H007	Dwelling	32.3	36.6	40.1	41.1	41.3	41.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.1	1.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H022	Dwelling	26.2	30.7	34.3	35.3	35.4	35.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
	Dwelling	29.2	33.8	37.5	38.4	38.5	38.5



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H023	Daytime Criterion	40.0	40.0	45.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	44.8
	Night time Excess	--	--	--	--	--	--
H024	Dwelling	31.9	36.4	40.0	41.0	41.0	41.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	1.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H025	Dwelling	32.6	37.1	40.7	41.7	41.8	41.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.7	1.7	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H026	Dwelling	32.9	37.4	41.1	42.1	42.1	42.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	1.1	2.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H027	Dwelling	32.0	36.5	40.1	41.1	41.2	41.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.1	1.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H028	Dwelling	33.0	37.5	41.2	42.1	42.2	42.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	1.2	2.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H029	Dwelling	31.3	35.1	38.5	39.6	39.9	40.1
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H030	Dwelling	30.7	34.4	37.8	38.8	39.2	39.4
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H031	Dwelling	30.9	34.6	37.8	38.9	39.3	39.6
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥ 9
	Night time Excess	--	--	--	--	--	--
H059	Dwelling	27.1	31.7	35.3	36.3	36.4	36.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H060	Dwelling	27.3	31.9	35.5	36.5	36.5	36.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H061	Dwelling	27.3	31.8	35.5	36.5	36.5	36.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H062	Dwelling	27.5	32.1	35.7	36.7	36.7	36.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H063	Dwelling	27.7	32.2	35.9	36.9	36.9	36.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H064	Dwelling	27.3	31.9	35.5	36.5	36.6	36.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H075	Dwelling	28.1	32.6	36.3	37.3	37.3	37.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H076	Dwelling	28.2	32.8	36.4	37.4	37.5	37.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
	Dwelling	29.0	33.6	37.2	38.2	38.3	38.2



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H077	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H087	Dwelling	31.1	35.6	39.3	40.2	40.3	40.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H088	Dwelling	32.8	37.3	40.9	41.9	41.9	41.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.9	1.9	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H089	Dwelling	32.7	36.7	40.1	41.2	41.4	41.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.1	1.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H090	Dwelling	32.8	37.0	40.5	41.5	41.6	41.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.5	1.5	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H091	Dwelling	24.5	29.0	32.7	33.7	33.7	33.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H092	Dwelling	26.8	31.2	34.8	35.8	35.9	35.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--



Table 6 Review of Cumulative Predicted Turbine Noise Levels against Relevant Criteria – Direction: Southwest

House ID	Description	Predicted L _{A90, 10min} Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H001	Dwelling	--	34.2	37.9	41.3	42.3	42.6
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	1.3	2.3	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H002	Dwelling	--	33.3	37.3	40.7	41.7	42.0
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	0.7	1.7	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H003	Dwelling	--	33.2	37.3	40.7	41.7	41.9
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	0.7	1.7	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H004	Dwelling	--	33.0	37.3	40.8	41.8	42.0
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	0.8	1.8	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H005	Dwelling	--	32.5	36.8	40.3	41.3	41.5
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	0.3	1.3	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H006	Dwelling	--	31.9	36.1	39.5	40.6	40.7
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	0.6	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H007	Dwelling	--	32.2	36.5	40.0	41.0	41.2
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	1.0	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H022	Dwelling	--	28.7	33.2	36.8	37.8	37.9
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
	Dwelling	--	27.7	32.3	36.0	36.9	37.0



House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H023	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H024	Dwelling	--	31.2	35.7	39.3	40.3	40.3
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	0.3	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H025	Dwelling	--	31.8	36.3	39.9	40.9	41.0
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	0.9	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H026	Dwelling	--	32.2	36.7	40.4	41.4	41.4
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	0.4	1.4	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H027	Dwelling	--	31.2	35.7	39.3	40.3	40.4
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	0.3	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H028	Dwelling	--	32.2	36.7	40.4	41.3	41.4
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	0.4	1.3	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H029	Dwelling	--	33.3	37.1	40.5	41.6	41.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess		--	--	0.5	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H030	Dwelling	--	32.7	36.4	39.8	40.8	41.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H031	Dwelling	--	32.7	36.4	39.6	40.7	41.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess		--	--	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥ 9
	Night time Excess		--	--	--	--	--
H059	Dwelling	--	24.7	29.3	32.9	33.9	34.0
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H060	Dwelling	--	25.0	29.6	33.2	34.2	34.2
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H061	Dwelling	--	25.0	29.5	33.2	34.2	34.2
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H062	Dwelling	--	25.1	29.7	33.3	34.3	34.3
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H063	Dwelling	--	24.8	29.3	33.0	34.0	34.0
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H064	Dwelling	--	24.6	29.2	32.8	33.8	33.9
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H075	Dwelling	--	25.5	30.0	33.7	34.7	34.7
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H076	Dwelling	--	25.6	30.2	33.8	34.8	34.9
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
	Dwelling	--	25.6	30.2	33.8	34.8	34.9



House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H077	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H087	Dwelling	--	29.5	34.0	37.7	38.6	38.7
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H088	Dwelling	--	32.1	36.6	40.2	41.2	41.2
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	0.2	1.2	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H089	Dwelling	--	32.5	36.5	39.9	41.0	41.2
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	1.0	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H090	Dwelling	--	32.5	36.7	40.2	41.2	41.3
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	0.2	1.2	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H091	Dwelling	--	25.8	30.3	34.0	35.0	35.0
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--
H092	Dwelling	--	29.1	33.5	37.1	38.1	38.2
	Daytime Criterion	40.0	40.0	40.0	40.0	40.0	45.0
	Daytime Excess		--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess		--	--	--	--	--



Table 7 Review of Cumulative Predicted Turbine Noise Levels against Relevant Criteria – Direction: West

House ID	Description	Predicted L _{A90, 10min} Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H001	Dwelling	33.5	37.2	40.6	41.6	41.9	42.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.6	1.6	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H002	Dwelling	32.7	36.7	40.1	41.1	41.4	41.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.1	1.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H003	Dwelling	32.6	36.7	40.1	41.1	41.3	41.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.1	1.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H004	Dwelling	32.1	36.4	39.9	40.9	41.1	41.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.9	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H005	Dwelling	31.6	35.9	39.4	40.4	40.6	40.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H006	Dwelling	31.1	35.3	38.7	39.8	39.9	40.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H007	Dwelling	31.3	35.6	39.1	40.1	40.3	40.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H022	Dwelling	31.3	35.8	39.4	40.4	40.5	40.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
	Dwelling	28.6	33.2	36.9	37.8	37.9	37.9



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H023	Daytime Criterion	40.0	40.0	45.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	44.8
	Night time Excess	--	--	--	--	--	--
H024	Dwelling	29.0	33.5	37.1	38.1	38.1	38.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H025	Dwelling	29.6	34.1	37.7	38.7	38.8	38.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H026	Dwelling	29.9	34.4	38.1	39.1	39.1	39.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H027	Dwelling	29.0	33.5	37.1	38.1	38.2	38.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H028	Dwelling	30.2	34.7	38.4	39.3	39.4	39.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H029	Dwelling	34.0	37.8	41.2	42.3	42.6	42.8
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	1.2	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H030	Dwelling	33.5	37.2	40.6	41.6	42.0	42.2
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	0.6	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H031	Dwelling	33.6	37.3	40.5	41.6	42.0	42.3
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	0.5	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥ 9
	Night time Excess	--	--	--	--	--	--
H059	Dwelling	25.1	29.7	33.3	34.3	34.4	34.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H060	Dwelling	25.4	30.0	33.6	34.6	34.6	34.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H061	Dwelling	25.4	29.9	33.6	34.6	34.6	34.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H062	Dwelling	25.5	30.1	33.7	34.7	34.7	34.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H063	Dwelling	25.1	29.6	33.3	34.3	34.3	34.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H064	Dwelling	24.9	29.5	33.1	34.1	34.2	34.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H075	Dwelling	24.9	29.4	33.1	34.1	34.1	34.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H076	Dwelling	24.5	29.1	32.7	33.7	33.8	33.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
	Dwelling	24.2	28.8	32.4	33.4	33.5	33.4



House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H077	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H087	Dwelling	26.6	31.1	34.8	35.7	35.8	35.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H088	Dwelling	29.8	34.3	37.9	38.9	38.9	38.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H089	Dwelling	31.8	35.8	39.2	40.3	40.5	40.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.3	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H090	Dwelling	31.7	35.9	39.4	40.4	40.5	40.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.4	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H091	Dwelling	28.8	33.3	37.0	38.0	38.0	38.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H092	Dwelling	31.7	36.1	39.7	40.7	40.8	40.8
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.7	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--



Table 8 Review of Cumulative Predicted Turbine Noise Levels against Relevant Criteria – Direction: Northwest

House ID	Description	Predicted L _{A90, 10min} Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H001	Dwelling	31.9	35.6	39.0	40.0	40.3	40.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H002	Dwelling	30.6	34.6	38.0	39.0	39.3	39.4
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H003	Dwelling	30.1	34.2	37.6	38.6	38.8	39.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H004	Dwelling	29.9	34.2	37.7	38.7	38.9	38.9
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H005	Dwelling	29.3	33.6	37.1	38.1	38.3	38.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H006	Dwelling	28.7	32.9	36.3	37.4	37.5	37.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H007	Dwelling	28.6	32.9	36.4	37.4	37.6	37.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H022	Dwelling	32.1	36.6	40.2	41.2	41.3	41.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	0.2	1.2	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
	Dwelling	31.5	36.1	39.8	40.7	40.8	40.8



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H023	Daytime Criterion	40.0	40.0	45.0	45.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	44.8
	Night time Excess	--	--	--	--	--	--
H024	Dwelling	25.9	30.4	34.0	35.0	35.0	35.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H025	Dwelling	26.8	31.3	34.9	35.9	36.0	36.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H026	Dwelling	27.1	31.6	35.3	36.3	36.3	36.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H027	Dwelling	26.0	30.5	34.1	35.1	35.2	35.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H028	Dwelling	27.3	31.8	35.5	36.4	36.5	36.5
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H029	Dwelling	34.5	38.3	41.7	42.8	43.1	43.3
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	1.7	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	0.1	0.3
H030	Dwelling	34.1	37.8	41.2	42.2	42.6	42.8
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	1.2	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H031	Dwelling	34.2	37.9	41.1	42.2	42.6	42.9
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	--	--	1.1	--	--	--



House ID	Description	Predicted $L_{A90, 10\text{min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥ 9
	Night time Excess	--	--	--	--	--	--
H059	Dwelling	27.5	32.1	35.7	36.7	36.8	36.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H060	Dwelling	27.9	32.5	36.1	37.1	37.1	37.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H061	Dwelling	27.8	32.3	36.0	37.0	37.0	37.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H062	Dwelling	27.9	32.5	36.1	37.1	37.1	37.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H063	Dwelling	27.8	32.3	36.0	37.0	37.0	37.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H064	Dwelling	27.5	32.1	35.7	36.7	36.8	36.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H075	Dwelling	26.4	30.9	34.6	35.6	35.6	35.6
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H076	Dwelling	26.0	30.6	34.2	35.2	35.3	35.2
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
	Dwelling	25.7	30.3	33.9	34.9	35.0	34.9



House ID	Description	Predicted $L_{A90, 10\text{ min}}$ Noise Levels (dB) at various Standardised 10m Height Wind Speed (m/s)					
		4	5	6	7	8	≥9
H077	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H087	Dwelling	24.5	29.0	32.7	33.6	33.7	33.7
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H088	Dwelling	27.0	31.5	35.1	36.1	36.1	36.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H089	Dwelling	29.2	33.2	36.6	37.7	37.9	38.0
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H090	Dwelling	29.3	33.5	37.0	38.0	38.1	38.3
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	--	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H091	Dwelling	30.9	35.4	39.1	40.1	40.1	40.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	0.1	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--
H092	Dwelling	32.0	36.4	40.0	41.0	41.1	41.1
	Daytime Criterion	40.0	40.0	40.0	40.0	45.0	45.0
	Daytime Excess	--	--	--	1.0	--	--
	Night time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night time Excess	--	--	--	--	--	--