



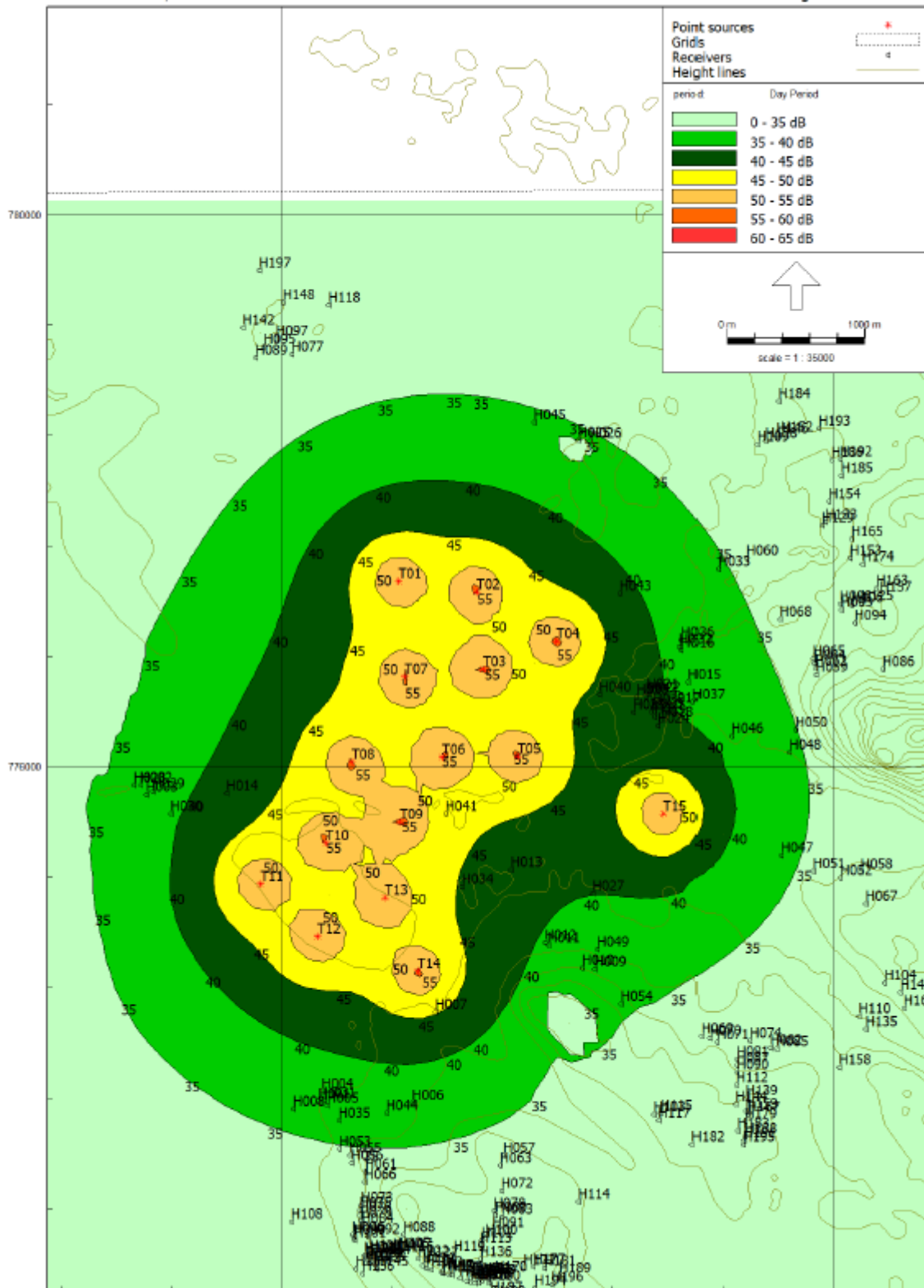
## **APPENDIX 11-8**

***RATED POWER CONTOUR***

# APPENDIX 11-8 NOISE CONTOUR FOR RATED POWER (8 m/s Standardised)

Cooles Wind Farm: 8 m/s Standardised

AWN Consulting Limited - Ireland



Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
R001	Predicted	27.1	32.3	35.4	35.7	35.7	35.7
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	–	–	–	–	–	–
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	–	–	–	–	–	–
R002	Predicted	24.2	29.3	32.4	32.7	32.8	32.8
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R003	Predicted	26.3	31.4	34.6	34.9	34.9	34.9
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R004	Predicted	25.8	30.9	34.1	34.4	34.4	34.4
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R005	Predicted	28.8	33.9	37.1	37.4	37.4	37.4
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R006	Predicted	28.8	33.9	37	37.3	37.4	37.4
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R007	Predicted	28.9	34	37.2	37.5	37.5	37.5
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	–	–	–	–	–	–
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	–	–	–	–	–	–
R008	Predicted	28.9	34.1	37.2	37.5	37.5	37.5
	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	43.0
	Night-time Excess	–	–	–	–	–	–

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
R009	Predicted	24.4	29.6	32.7	33	33	33
	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	–	–	–	–	–	–
R010	Predicted	27	32.1	35.2	35.5	35.6	35.6
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R011	Predicted	26.8	31.9	35.1	35.4	35.4	35.4
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R012	Predicted	29.7	34.8	37.9	38.2	38.3	38.3
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R013	Predicted	27	32.2	35.3	35.6	35.6	35.6
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R014	Predicted	26.7	31.9	35	35.3	35.3	35.4
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R015	Predicted	30.7	35.8	39	39.3	39.3	39.3
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R016	Predicted	29.3	34.4	37.6	37.9	37.9	37.9
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R017	Predicted	23.9	29.1	32.2	32.5	32.5	32.5

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	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	-	-	-	-	-	-
R018	Predicted	29.5	34.7	37.8	38.1	38.1	38.1
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R019	Predicted	29.9	35	38.1	38.4	38.5	38.5
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R020	Predicted	30.2	35.3	38.5	38.8	38.8	38.8
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R021	Predicted	30	35.1	38.3	38.6	38.6	38.6
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R022	Predicted	27.6	32.7	35.9	36.2	36.2	36.2
	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	-	-	-	-	-	-
R023	Predicted	28.7	33.9	37	37.3	37.3	37.3
	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	-	-	-	-	-	-
R024	Predicted	24.2	29.4	32.5	32.8	32.9	32.9
	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	-	-	-	-	-	-
R025	Predicted	24	29.1	32.3	32.6	32.6	32.6
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Daytime Excess	–	–	–	–	–	–
	Night-time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night-time Excess	–	–	–	–	–	–
R026	Predicted	27.3	32.4	35.6	35.9	35.9	35.9
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R027	Predicted	29.5	34.6	37.8	38.1	38.1	38.1
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R028	Predicted	23.8	28.9	32.1	32.4	32.4	32.4
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R029	Predicted	23.2	28.3	31.5	31.8	31.8	31.8
	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	–	–	–	–	–	–
R030	Predicted	24.1	29.2	32.4	32.7	32.7	32.7
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R031	Predicted	26.5	31.6	34.8	35.1	35.1	35.1
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	–	–	–	–	–	–
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	–	–	–	–	–	–
R032	Predicted	22.8	27.9	31.1	31.4	31.4	31.4
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R033	Predicted	32.7	37.8	41	41.3	41.3	41.3
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	–	–	–	–	–	–

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R034	Predicted	26	31.2	34.3	34.6	34.6	34.6
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R035	Predicted	29.2	34.3	37.5	37.8	37.8	37.8
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R036	Predicted	24.4	29.5	32.7	33	33	33
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R037	Predicted	24.2	29.4	32.5	32.8	32.8	32.8
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R038	Predicted	25.7	30.8	34	34.3	34.3	34.3
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R039	Predicted	30.3	35.4	38.6	38.9	38.9	38.9
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R040	Predicted	29.8	34.9	38.1	38.4	38.4	38.4
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R041	Predicted	25.2	30.3	33.5	33.8	33.8	33.8
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	-	-	-	-	-	-

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R042	Predicted	26	31.1	34.3	34.6	34.6	34.6
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R043	Predicted	25.2	30.4	33.5	33.8	33.8	33.8
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R044	Predicted	25.5	30.6	33.8	34.1	34.1	34.1
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R045	Predicted	28.8	33.9	37.1	37.4	37.4	37.4
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	-	-	-	-	-	-
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R046	Predicted	29.6	34.7	37.9	38.2	38.2	38.2
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	-	-	-	-	-	-
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R047	Predicted	18.6	23.7	26.9	27.2	27.2	27.2
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	-	-	-	-	-	-
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R048	Predicted	24.8	30	33.1	33.4	33.4	33.5
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R049	Predicted	25.9	31	34.1	34.5	34.5	34.5



Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R050	Predicted	26.3	31.4	34.5	34.9	34.9	34.9
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R051	Predicted	24.7	29.8	32.9	33.3	33.3	33.3
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	-	-	-	-	-	-
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R052	Predicted	23.9	29.1	32.2	32.5	32.5	32.6
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	-	-	-	-	-	-
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R053	Predicted	23.9	29	32.1	32.4	32.5	32.5
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	-	-	-	-	-	-
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R054	Predicted	23.1	28.2	31.4	31.7	31.7	31.7
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R055	Predicted	22.3	27.4	30.6	30.9	30.9	30.9
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R056	Predicted	26.3	31.4	34.6	34.9	34.9	34.9
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
R057	Predicted	26.8	32	35.1	35.4	35.4	35.4
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R058	Predicted	27.7	32.8	36	36.3	36.3	36.3
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R059	Predicted	26.4	31.6	34.7	35	35	35.1
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R060	Predicted	22	27.2	30.3	30.6	30.6	30.7
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R061	Predicted	27.8	32.9	36.1	36.4	36.4	36.4
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R062	Predicted	26.1	31.3	34.4	34.7	34.7	34.7
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	-	-	-	-	-	-
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R063	Predicted	24.6	29.8	32.9	33.2	33.3	33.3
	Day Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	-	-	-	-	-	-
	Night Criterion (Landowner)	45.0	45.0	45.0	45.0	45.0	45.0
	Night-time Excess	-	-	-	-	-	-
R064	Predicted	24.7	29.9	33	33.3	33.3	33.4
	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	-	-	-	-	-	-

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
R065	Predicted	23.8	28.9	32.1	32.4	32.4	32.4
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R066	Predicted	25	30.1	33.3	33.6	33.6	33.6
	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	–	–	–	–	–	–
R067	Predicted	28.5	33.6	36.8	37.1	37.1	37.1
	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	–	–	–	–	–	–
R068	Predicted	20.8	25.9	29.1	29.4	29.4	29.4
	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	–	–	–	–	–	–
R069	Predicted	21.8	27	30.1	30.4	30.4	30.5
	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	–	–	–	–	–	–
R070	Predicted	22.2	27.3	30.5	30.8	30.8	30.8
	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	–	–	–	–	–	–
R071	Predicted	21.4	26.6	29.7	30	30	30.1
	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	–	–	–	–	–	–
R072	Predicted	24.4	29.5	32.7	33	33	33
	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	–	–	–	–	–	–
R073	Predicted	23.2	28.3	31.5	31.8	31.8	31.8

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	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	-	-	-	-	-	-
R074	Predicted	23.1	28.3	31.4	31.7	31.7	31.7
	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	-	-	-	-	-	-
R075	Predicted	23	28.1	31.3	31.6	31.6	31.6
	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	-	-	-	-	-	-
R076	Predicted	22	27.1	30.3	30.6	30.6	30.6
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R077	Predicted	22.7	27.8	31	31.3	31.3	31.3
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R078	Predicted	23	28.1	31.3	31.6	31.6	31.6
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R079	Predicted	21.9	27	30.2	30.5	30.5	30.5
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R080	Predicted	18.9	24	27.2	27.5	27.5	27.5
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R081	Predicted	20.3	25.4	28.6	28.9	28.9	28.9
	Daytime Criterion	40.0	45.0	45.0	45.0	45.0	45.0

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Daytime Excess	–	–	–	–	–	–
	Night-time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night-time Excess	–	–	–	–	–	–
R082	Predicted	19.9	25.1	28.2	28.5	28.5	28.5
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R083	Predicted	21	26.1	29.3	29.6	29.6	29.6
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R084	Predicted	19.9	25	28.1	28.5	28.5	28.5
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R085	Predicted	19.9	25	28.2	28.5	28.5	28.5
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R086	Predicted	19.5	24.6	27.7	28.1	28.1	28.1
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R087	Predicted	19.6	24.7	27.9	28.2	28.2	28.2
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R088	Predicted	19.4	24.5	27.7	28	28	28
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R089	Predicted	18	23.1	26.3	26.6	26.6	26.6
	Daytime Criterion	40.0	45.0	45.0	45.0	45.0	45.0
	Daytime Excess	–	–	–	–	–	–



Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Night-time Excess	–	–	–	–	–	–
R098	Predicted	18	23.1	26.3	26.6	26.6	26.6
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R099	Predicted	18.2	23.3	26.5	26.8	26.8	26.9
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R100	Predicted	19.3	24.5	27.6	27.9	28	28
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R101	Predicted	19.6	24.7	27.9	28.2	28.2	28.2
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R102	Predicted	20.3	25.5	28.6	28.9	29	29
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R103	Predicted	20.7	25.8	29	29.3	29.3	29.3
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R104	Predicted	20.9	26	29.2	29.5	29.5	29.5
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R105	Predicted	22.2	27.3	30.5	30.8	30.8	30.8
	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	43.0
	Night-time Excess	–	–	–	–	–	–

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
R106	Predicted	22	27.1	30.2	30.6	30.6	30.6
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R107	Predicted	21	26.1	29.3	29.6	29.6	29.6
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R108	Predicted	21.2	26.4	29.5	29.8	29.8	29.8
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R109	Predicted	21.1	26.2	29.3	29.7	29.7	29.7
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R110	Predicted	21.6	26.8	29.9	30.2	30.2	30.3
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R111	Predicted	21.9	27	30.2	30.5	30.5	30.5
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R112	Predicted	22.3	27.5	30.6	30.9	31	31
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R113	Predicted	22.5	27.6	30.8	31.1	31.1	31.1
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R114	Predicted	22.3	27.4	30.6	30.9	30.9	30.9



Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R115	Predicted	22.1	27.2	30.4	30.7	30.7	30.7
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R116	Predicted	23.2	28.4	31.5	31.8	31.9	31.9
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R117	Predicted	23.5	28.6	31.8	32.1	32.1	32.1
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R118	Predicted	23.8	29	32.1	32.4	32.4	32.5
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R119	Predicted	24	29.2	32.3	32.6	32.6	32.7
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R120	Predicted	21.7	26.9	30	30.3	30.4	30.4
	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	-	-	-	-	-	-
R121	Predicted	22	27.1	30.3	30.6	30.6	30.6
	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	-	-	-	-	-	-
R122	Predicted	20.1	25.2	28.4	28.7	28.7	28.7
	Daytime Criterion	40.0	45.0	45.0	45.0	45.0	45.0

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Daytime Excess	–	–	–	–	–	–
	Night-time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night-time Excess	–	–	–	–	–	–
R123	Predicted	18.1	23.2	26.4	26.7	26.7	26.7
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R124	Predicted	19.5	24.7	27.8	28.1	28.2	28.2
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R125	Predicted	21.9	27	30.2	30.5	30.5	30.5
	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	–	–	–	–	–	–
R126	Predicted	21.9	27	30.2	30.5	30.5	30.5
	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	–	–	–	–	–	–
R127	Predicted	21.6	26.7	29.9	30.2	30.2	30.2
	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	–	–	–	–	–	–
R128	Predicted	21.1	26.2	29.4	29.7	29.7	29.7
	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	–	–	–	–	–	–
R129	Predicted	20.8	25.9	29.1	29.4	29.4	29.4
	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	–	–	–	–	–	–
R130	Predicted	20.8	25.9	29.1	29.4	29.4	29.4
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	–	–	–	–	–	–



Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Night-time Excess	–	–	–	–	–	–
R139	Predicted	24.1	29.2	32.4	32.7	32.7	32.7
	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	–	–	–	–	–	–
R140	Predicted	21.5	26.7	29.8	30.1	30.1	30.2
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R141	Predicted	21.3	26.5	29.6	29.9	30	30
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R142	Predicted	21.1	26.3	29.4	29.7	29.7	29.7
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R143	Predicted	21.1	26.2	29.4	29.7	29.7	29.7
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R144	Predicted	20.9	26	29.2	29.5	29.5	29.5
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R145	Predicted	20.8	25.9	29	29.4	29.4	29.4
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R146	Predicted	20.6	25.8	28.9	29.2	29.2	29.3
	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	43.0
	Night-time Excess	–	–	–	–	–	–

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
R147	Predicted	19.1	24.2	27.4	27.7	27.7	27.7
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R148	Predicted	18.6	23.7	26.9	27.2	27.2	27.2
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R149	Predicted	17.6	22.7	25.9	26.2	26.2	26.2
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R150	Predicted	17.9	23	26.2	26.5	26.5	26.5
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R151	Predicted	19.4	24.5	27.7	28	28	28
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R152	Predicted	19.6	24.8	27.9	28.2	28.3	28.3
	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	43.0
	Night-time Excess	–	–	–	–	–	–
R153	Predicted	12.9	18	21.2	21.5	21.5	21.5
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R154	Predicted	19.1	24.2	27.4	27.7	27.7	27.7
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R155	Predicted	18.5	23.6	26.8	27.1	27.1	27.1

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R156	Predicted	19.8	25	28.1	28.4	28.5	28.5
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R157	Predicted	19.9	25.1	28.2	28.5	28.6	28.6
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R158	Predicted	20.4	25.6	28.7	29	29.1	29.1
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R159	Predicted	19.2	24.3	27.5	27.8	27.8	27.9
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R160	Predicted	19.7	24.8	28	28.3	28.3	28.3
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R161	Predicted	19.1	24.2	27.4	27.7	27.7	27.7
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R162	Predicted	19.5	24.7	27.8	28.1	28.2	28.2
	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	43.0
	Night-time Excess	-	-	-	-	-	-
R163	Predicted	20.1	25.2	28.4	28.7	28.7	28.7
	Daytime Criterion	40.0	40.0	45.0	45.0	45.0	45.0

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Daytime Excess	–	–	–	–	–	–
	Night-time Criterion	43.0	43.0	43.0	43.0	43.0	43.0
	Night-time Excess	–	–	–	–	–	–
R164	Predicted	18.4	23.6	26.7	27	27	27.1
	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	–	–	–	–	–	–
R165	Predicted	19.5	24.6	27.8	28.1	28.1	28.1
	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	–	–	–	–	–	–
R166	Predicted	19.6	24.8	27.9	28.2	28.2	28.3
	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	–	–	–	–	–	–
R167	Predicted	18.4	23.5	26.7	27	27	27
	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	–	–	–	–	–	–
R168	Predicted	19.8	24.9	28.1	28.4	28.4	28.4
	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	–	–	–	–	–	–
R169	Predicted	19.6	24.8	27.9	28.2	28.2	28.3
	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	–	–	–	–	–	–
R170	Predicted	19	24.2	27.3	27.6	27.7	27.7
	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	–	–	–	–	–	–
R171	Predicted	20.4	25.5	28.7	29	29	29
	Daytime Criterion	40.0	40.0	40.0	45.0	45.0	45.0
	Daytime Excess	–	–	–	–	–	–





Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Night-time Excess	–	–	–	–	–	–
R180	Predicted	19.5	24.6	27.8	28.1	28.1	28.1
	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	–	–	–	–	–	–
R181	Predicted	20	25.1	28.3	28.6	28.6	28.6
	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	–	–	–	–	–	–
R182	Predicted	19.7	24.8	28	28.3	28.3	28.3
	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	–	–	–	–	–	–
R183	Predicted	18.9	24.1	27.2	27.5	27.5	27.6
	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	–	–	–	–	–	–
R184	Predicted	20.7	25.9	29	29.3	29.4	29.4
	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	–	–	–	–	–	–
R185	Predicted	20.6	25.7	28.9	29.2	29.2	29.2
	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	–	–	–	–	–	–
R186	Predicted	18.9	24.1	27.3	27.6	27.6	27.6
	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	–	–	–	–	–	–
R187	Predicted	19.8	24.9	28.1	28.4	28.4	28.4
	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	–	–	–	–	–	–

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
R188	Predicted	19.8	25	28.1	28.4	28.5	28.5
	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	–	–	–	–	–	–
R189	Predicted	19	24.2	27.3	27.6	27.7	27.7
	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	–	–	–	–	–	–
R190	Predicted	20.1	25.3	28.4	28.7	28.7	28.8
	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	–	–	–	–	–	–
R191	Predicted	20.1	25.3	28.4	28.7	28.7	28.8
	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	–	–	–	–	–	–
R192	Predicted	20.4	25.5	28.7	29	29	29
	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	–	–	–	–	–	–
R193	Predicted	20.2	25.3	28.5	28.8	28.8	28.8
	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	–	–	–	–	–	–
R194	Predicted	19.3	24.4	27.6	27.9	27.9	27.9
	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	–	–	–	–	–	–
R195	Predicted	20.2	25.4	28.5	28.8	28.9	28.9
	Daytime Criterion	40.0	45.0	45.0	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	–	–	–	–	–	–
R196	Predicted	17.7	22.8	26	26.3	26.3	26.3

Predicted Omni-directional Turbine Noise Levels from Coole Wind Farm							
NSL ID	Description	dB L <sub>A90,10min</sub> at Various Standardised Wind Speeds (m/s)					
		4.0	5.0	6.0	7.0	8.0	≥9.0
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R197	Predicted	20.2	25.3	28.5	28.8	28.8	28.8
	Daytime Criterion	40.0	45.0	45.0	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	-	-	-	-	-	-
R198	Predicted	21.7	26.9	30	30.3	30.4	30.4
	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	-	-	-	-	-	-

