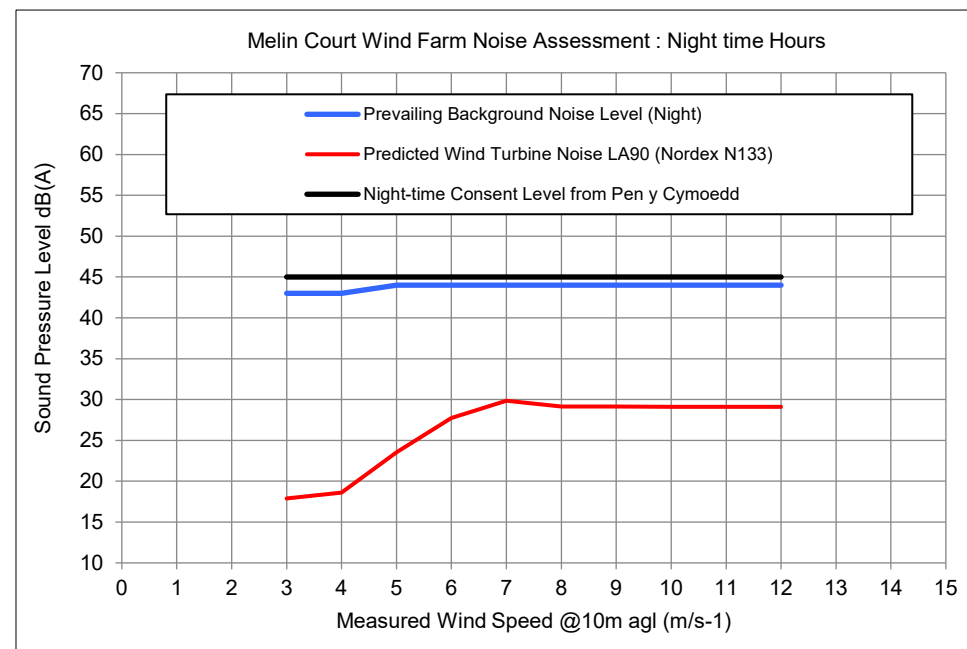
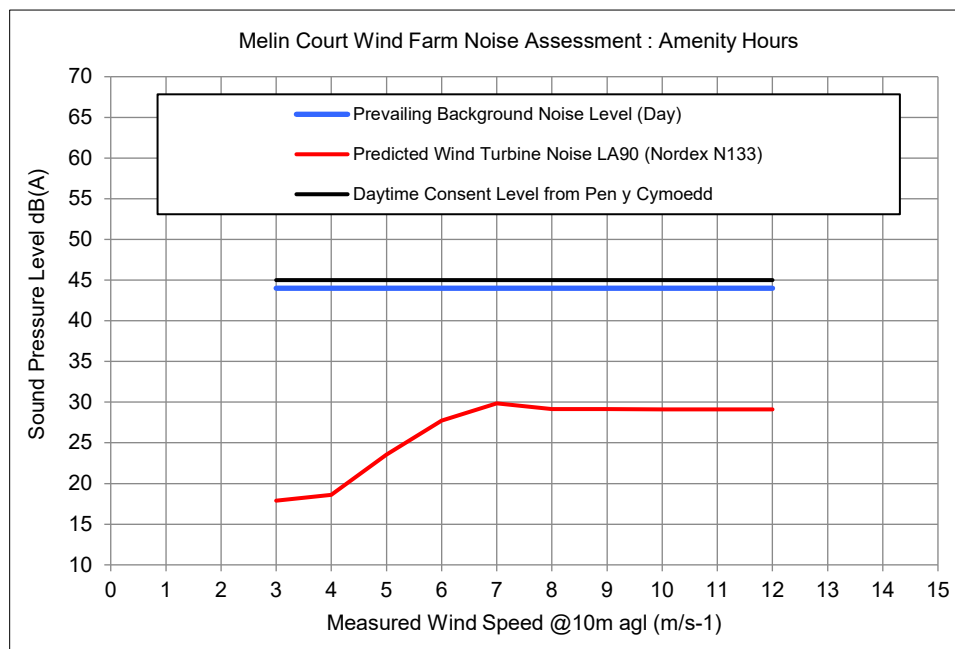
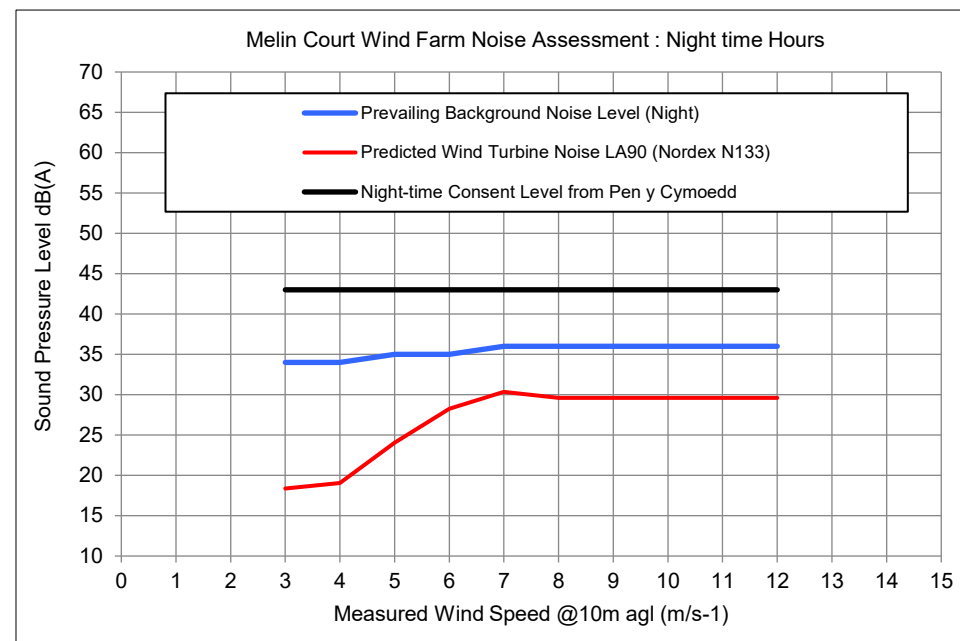
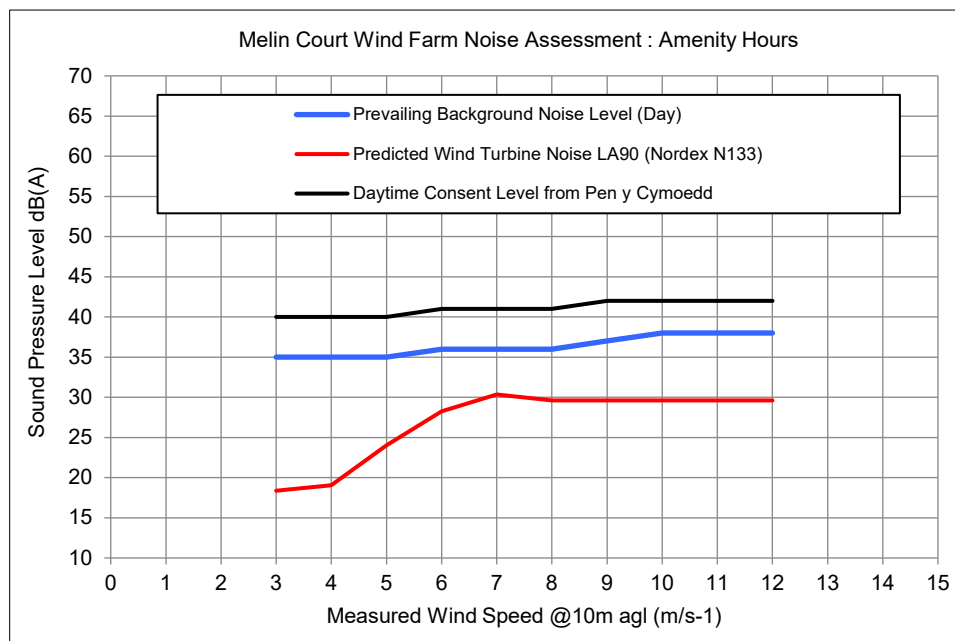


Appendix A1A Noise Assessment



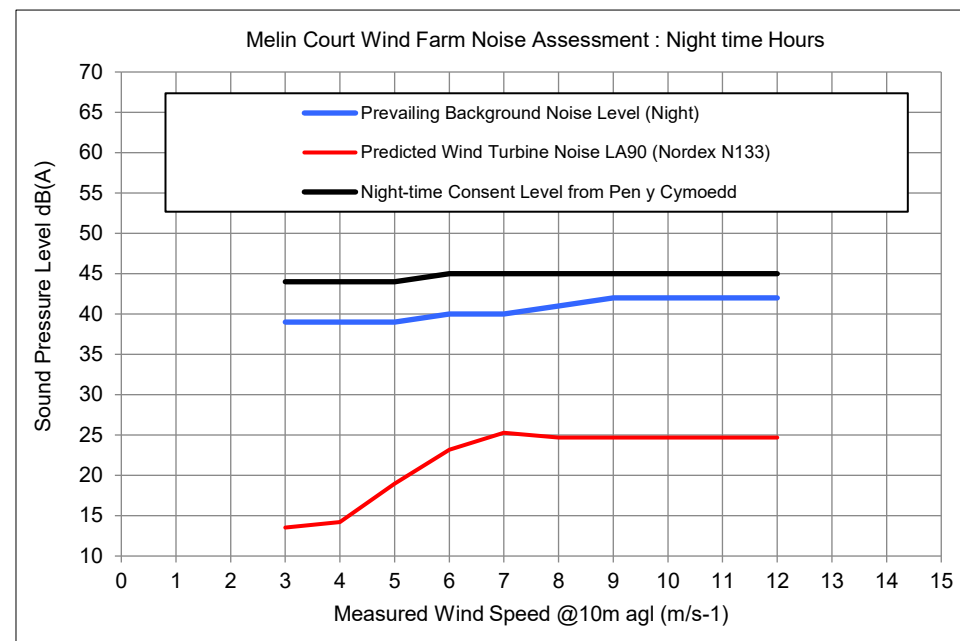
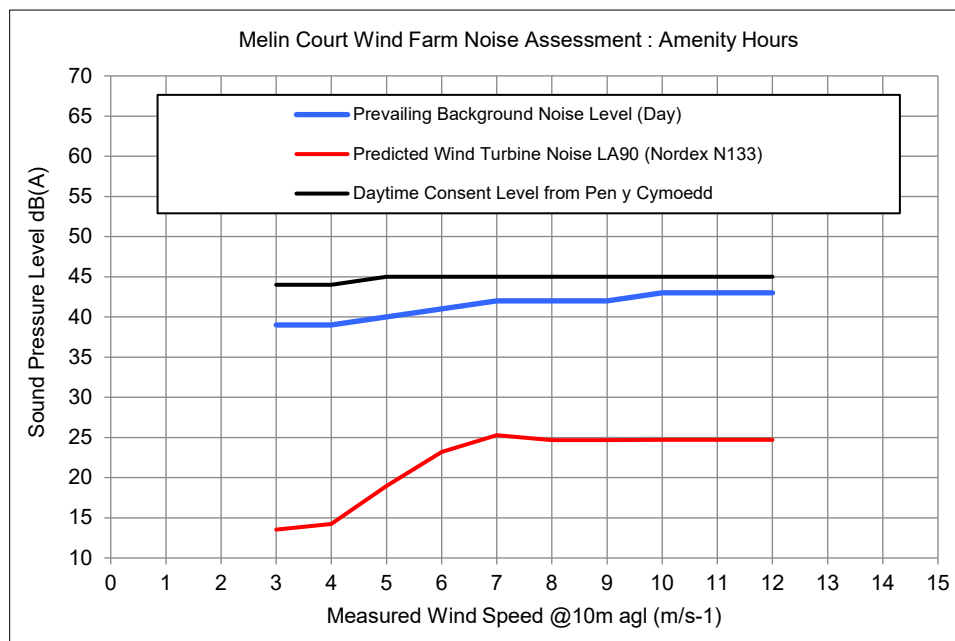
Receptor Location : Llwyn-y-Ffynnon

Wind Speed	0	1	2	3	4	5	6	7	8	9	10	11	12
Prevailing Background Noise Level (Day)				44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
Prevailing Background Noise Level (Night)				43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
Predicted Wind Turbine Noise LA90 (Nordex N133)				17.9	18.6	23.6	27.8	29.9	29.1	29.1	29.1	29.1	29.1
Daytime Consent Level from Pen y Cymoedd				45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Night-time Consent Level from Pen y Cymoedd				45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Internal Noise Level LAeq (10dB Open Window Rw)				9.9	10.6	15.6	19.8	21.9	21.1	21.1	21.1	21.1	21.1



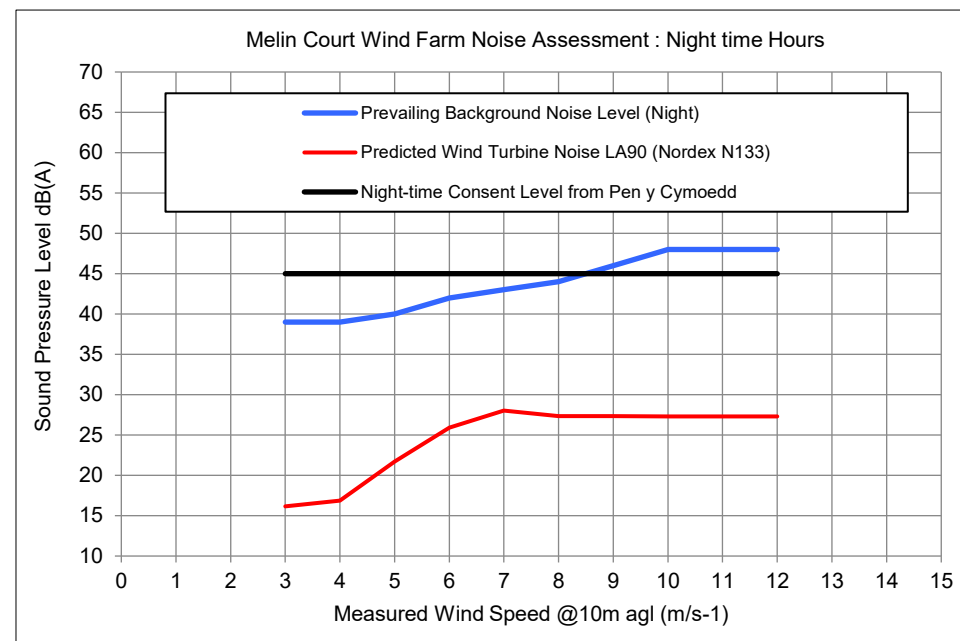
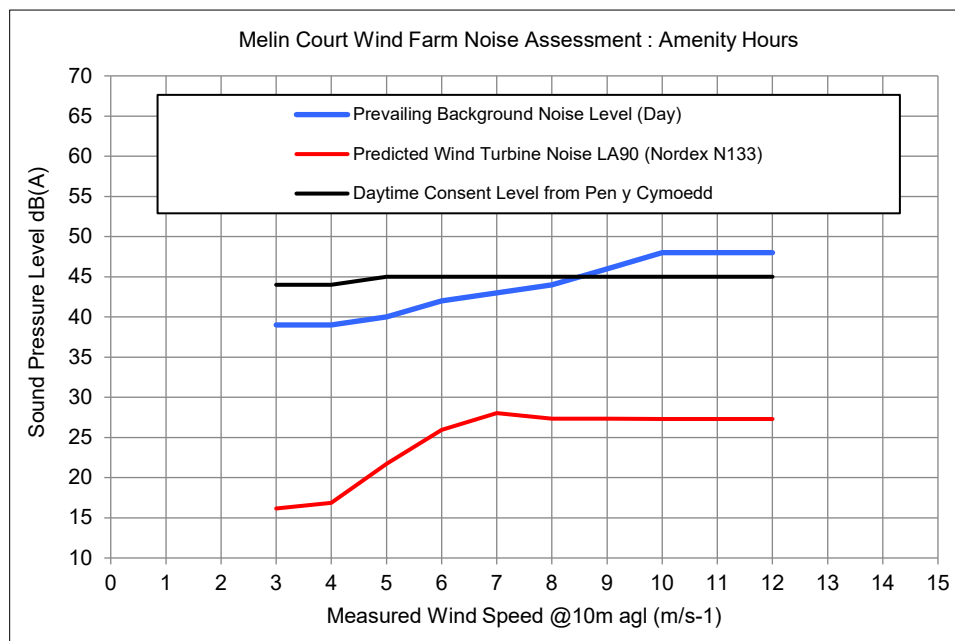
Receptor Location : 5 Heol Mynydd

Wind Speed	0	1	2	3	4	5	6	7	8	9	10	11	12
Prevailing Background Noise Level (Day)				35.0	35.0	35.0	36.0	36.0	36.0	37.0	38.0	38.0	38.0
Prevailing Background Noise Level (Night)				34.0	34.0	35.0	35.0	36.0	36.0	36.0	36.0	36.0	36.0
Predicted Wind Turbine Noise LA90 (Nordex N133)				18.4	19.1	24.1	28.3	30.4	29.6	29.6	29.6	29.6	29.6
Daytime Consent Level from Pen y Cymoedd				40.0	40.0	40.0	41.0	41.0	41.0	42.0	42.0	42.0	42.0
Night-time Consent Level from Pen y Cymoedd				43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Internal Noise Level LAeq (10dB Open Window Rw)				10.4	11.1	16.1	20.3	22.4	21.6	21.6	21.6	21.6	21.6



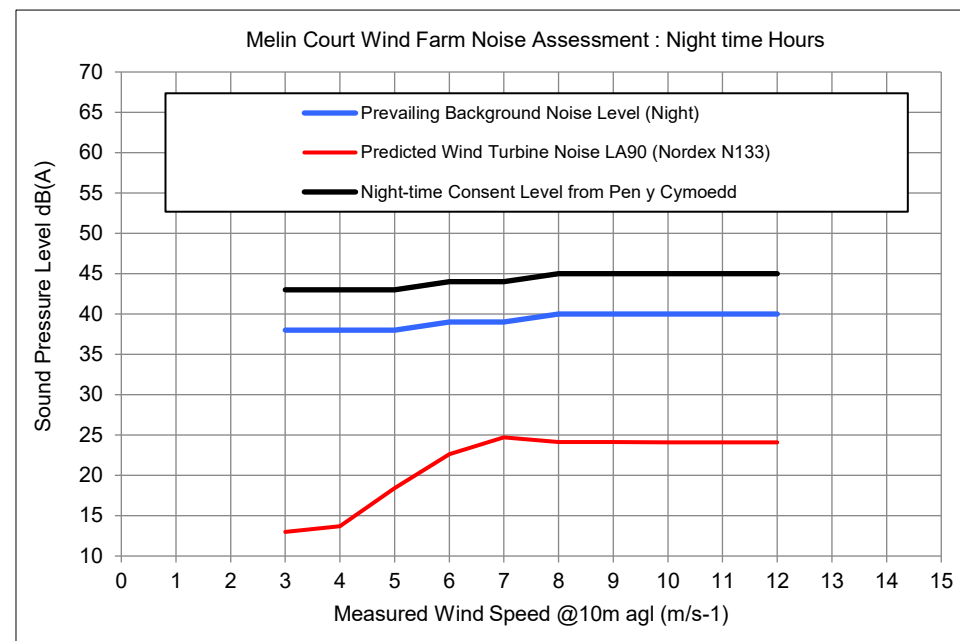
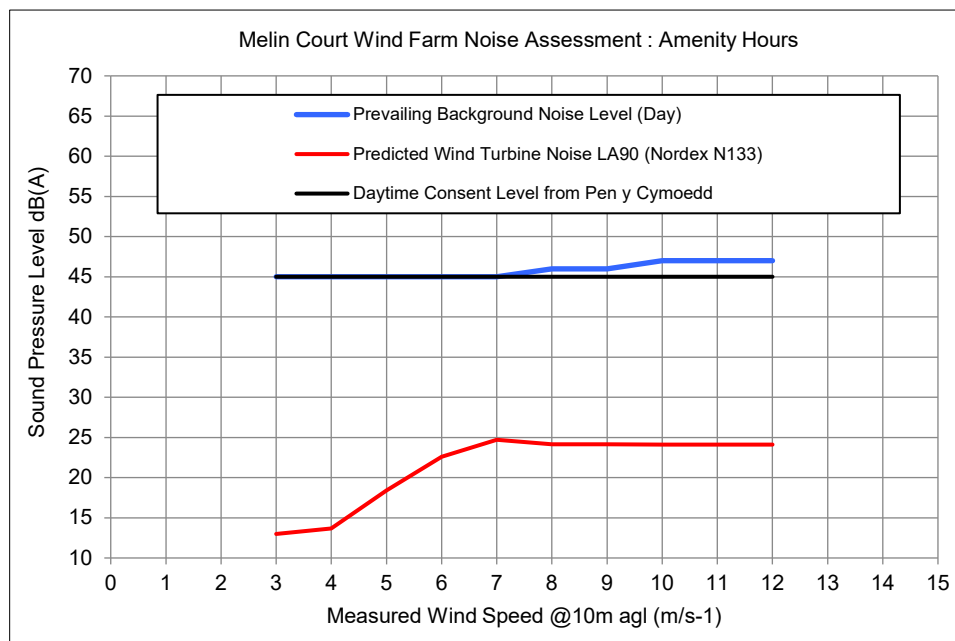
Receptor Location : Old School, Abercregan

Wind Speed	0	1	2	3	4	5	6	7	8	9	10	11	12
Prevailing Background Noise Level (Day)				39.0	39.0	40.0	41.0	42.0	42.0	42.0	43.0	43.0	43.0
Prevailing Background Noise Level (Night)				39.0	39.0	39.0	40.0	40.0	41.0	42.0	42.0	42.0	42.0
Predicted Wind Turbine Noise LA90 (Nordex N133)				13.5	14.2	19.0	23.2	25.3	24.7	24.7	24.7	24.7	24.7
Daytime Consent Level from Pen y Cymoedd				44.0	44.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Night-time Consent Level from Pen y Cymoedd				44.0	44.0	44.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Internal Noise Level LAeq (10dB Open Window Rw)				5.5	6.2	11.0	15.2	17.3	16.7	16.7	16.7	16.7	16.7



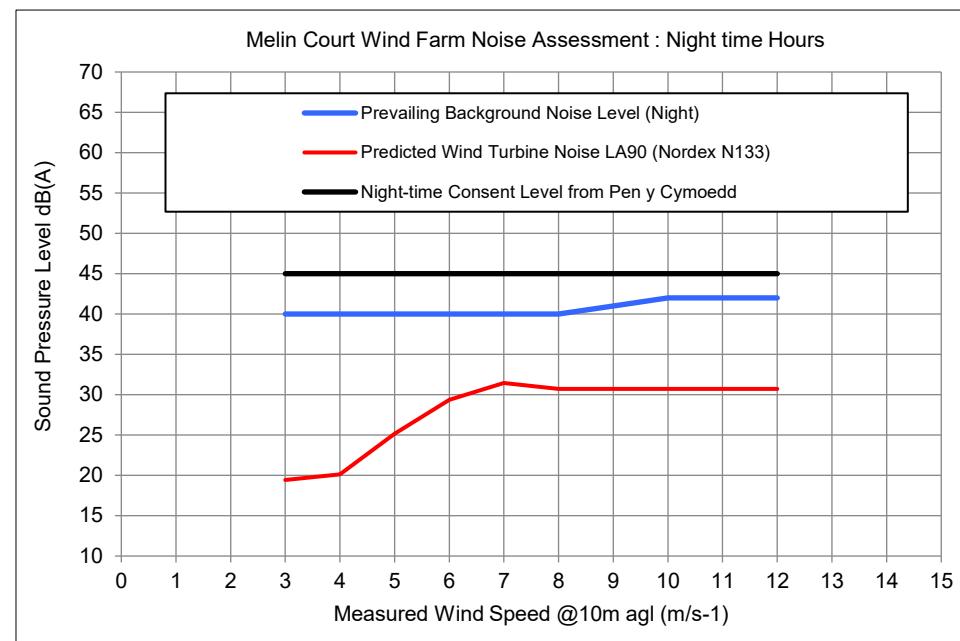
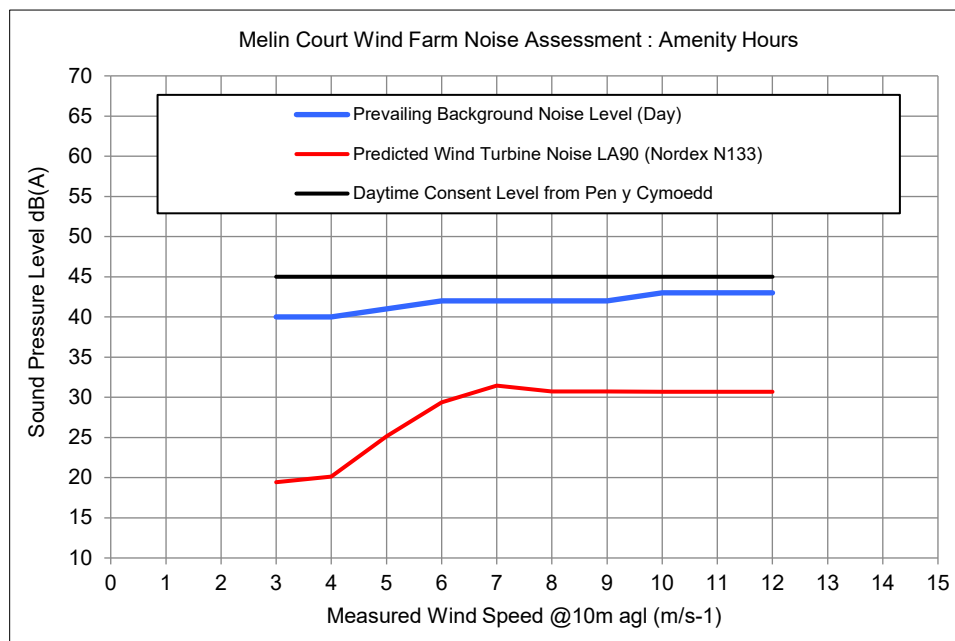
Receptor Location : Troed-y-rhiw

Wind Speed	0	1	2	3	4	5	6	7	8	9	10	11	12
Prevailing Background Noise Level (Day)				39.0	39.0	40.0	42.0	43.0	44.0	46.0	48.0	48.0	48.0
Prevailing Background Noise Level (Night)				39.0	39.0	40.0	42.0	43.0	44.0	46.0	48.0	48.0	48.0
Predicted Wind Turbine Noise LA90 (Nordex N133)				16.2	16.9	21.7	25.9	28.0	27.3	27.3	27.3	27.3	27.3
Daytime Consent Level from Pen y Cymoedd				44.0	44.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Night-time Consent Level from Pen y Cymoedd				45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Internal Noise Level LAeq (10dB Open Window Rw)				8.2	8.9	13.7	17.9	20.0	19.3	19.3	19.3	19.3	19.3



Receptor Location : 9 Clyne Terrace

Wind Speed	0	1	2	3	4	5	6	7	8	9	10	11	12
Prevailing Background Noise Level (Day)				45.0	45.0	45.0	45.0	45.0	46.0	46.0	47.0	47.0	47.0
Prevailing Background Noise Level (Night)				38.0	38.0	38.0	39.0	39.0	40.0	40.0	40.0	40.0	40.0
Predicted Wind Turbine Noise LA90 (Nordex N133)				13.0	13.7	18.4	22.6	24.7	24.1	24.1	24.1	24.1	24.1
Daytime Consent Level from Pen y Cymoedd				45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Night-time Consent Level from Pen y Cymoedd				43.0	43.0	43.0	44.0	44.0	45.0	45.0	45.0	45.0	45.0
Internal Noise Level LAeq (10dB Open Window Rw)				5.0	5.7	10.4	14.6	16.7	16.1	16.1	16.1	16.1	16.1



Receptor Location : Glyn Gwilym Farm

Wind Speed	0	1	2	3	4	5	6	7	8	9	10	11	12
Prevailing Background Noise Level (Day)				40.0	40.0	41.0	42.0	42.0	42.0	42.0	43.0	43.0	43.0
Prevailing Background Noise Level (Night)				40.0	40.0	40.0	40.0	40.0	40.0	41.0	42.0	42.0	42.0
Predicted Wind Turbine Noise LA90 (Nordex N133)				19.4	20.1	25.2	29.4	31.5	30.7	30.7	30.7	30.7	30.7
Daytime Consent Level from Pen y Cymoedd				45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Night-time Consent Level from Pen y Cymoedd				45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
Internal Noise Level LAeq (10dB Open Window Rw)				11.4	12.1	17.2	21.4	23.5	22.7	22.7	22.7	22.7	22.7

