

SANDY KNOWE WIND FARM SECTION 36 APPLICATION

Revised Noise Assessment

October 2019

Appendix E – Lethans/Glenmuckloch
Noise Conditions



determined in accordance with the attached Guidance Notes shall not exceed the values for the relevant integer wind speed set out in Tables 3 and 4.

Table 3 - Between 07:00 and 23:00 - Noise level dB $L_{A90, 10\text{-minute}}$ (Cumulative limits if Glenmuckloch Wind Farm is operational)

Location (easting, northing grid coordinates)	Standardised wind speed at 10 metres height (m/s) within the site averaged over 10-minute periods for Lethans and GMWF											
	1	2	3	4	5	6	7	8	9	10	11	12
	L _{A90} Decibel Levels											
Kyle (265141, 619159)	40	40	40	40	40	40	41	43	45	47	47	47
Glen (265749, 614831)	40	40	40	40	40	40	40	39	41	43	44	44
Corsencon (266760, 613897)	39	39	39	39	39	39	39	40	41	43	44	44
Glen Hall (268484, 613384)	39	39	39	39	39	40	41	43	45	46	47	47
Niviston (269077, 613511)	39	39	39	39	39	38	40	43	47	49	52	52
Glenwharrie (271668, 614977)	40	40	40	40	40	40	39	39	39	40	41	43
Fingland (275532,6176 82)	40	40	40	40	40	40	40	40	40	40	41	41
Vennel (272547, 614901)	40	40	40	40	41	41	41	41	41	41	41	41

Table 4 - Between 23:00 and 07:00 - Noise level dB LA90, 10-minute (Cumulative limits if Glenmuckloch Wind Farm is operational)

Location (easting, northing grid coordinates)	Standardised wind speed at 10 metres height (m/s) within the site averaged over 10-minute periods for Lethans and GMWF											
	1	2	3	4	5	6	7	8	9	10	11	12
	L _{A90} Decibel Levels											
Kyle (265141, 619159)	43	43	43	43	43	43	43	43	43	43	43	43
Glen (265749, 614831)	43	43	43	43	43	43	43	43	43	43	43	43
Corsencon (266760, 613897)	43	43	43	43	43	43	43	42	42	42	42	42
Glen Hall (268484, 613384)	42	42	42	42	42	42	42	42	42	42	42	42
Niviston (269077, 613511)	42	42	42	42	42	42	42	42	42	42	42	42
Glenwharrie (271668, 614977)	43	43	43	43	43	43	43	43	43	43	43	43
Fingland (275532,6176 82)	43	43	43	43	43	43	43	43	43	43	43	43
Vennel (272547, 614901)	43	43	43	43	43	43	43	43	43	43	43	43

(c) Following a complaint alleging noise disturbance from turbines at the Lethans Wind Farm operating in conjunction with Glenmuckloch Wind Farm, in the event that the level of noise immissions (including the application of any tonal penalty) exceeds the values in Tables 3 and 4 (which detail the limits for cumulative noise), the operator of



ITPENERGISED
Earth. Smart. Solutions

Registered Address:

7 Dundas Street

Edinburgh

EH3 6QG

+44 (0) 131 557 8325