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APPENDIX 7.4

Sound Power Level Data For
Wind Turbines

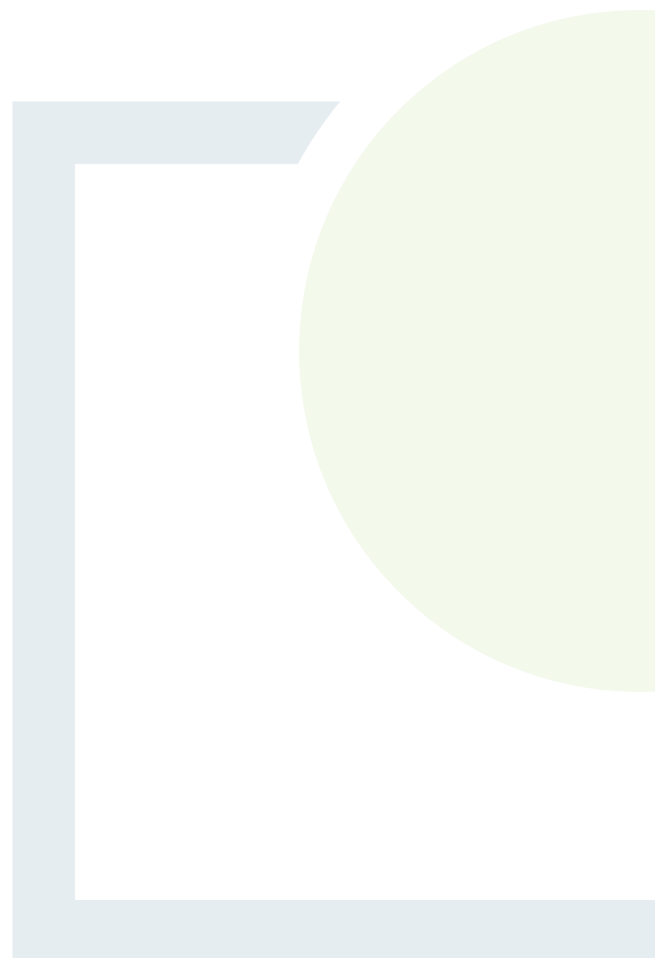


Table 7.4.1: Wind Turbine (Siemens Gamesa SG 6.0-155) - Sound Power Data Referenced to Hub Height

Wind Speed (m/s)	3	4	5	6	7	8	9	10	11	12	Up to cut-out
AM-0	92	92	94.8	98.8	102.1	105	105	105	105	105	105
N1	92	92	94.8	98.8	102.1	104	104	104	104	104	104
N2	92	92	94.8	98.8	102.1	103.5	103.5	103.5	103.5	103.5	103.5
N3	92	92	94.8	98.8	102	102	102	102	102	102	102
N4	92	92	94.8	98.8	101	101	101	101	101	101	101
N5	92	92	94.8	98.8	100	100	100	100	100	100	100
N6	92	92	94.8	98.8	99	99	99	99	99	99	99

Table 7.4.2: Wind Turbine (Siemens Gamesa SG 6.0-155) – Typical 1/1 octave band spectrum for 63 Hz to 8 kHz.

1/1 oct. band, center freq.	63	125	250	500	1000	2000	4000	8000
AM 0	84.6	92	96.6	98.9	98.7	99	92.4	77.4
N1	84	91.1	95.6	97.9	97.7	98	91.4	76.4
N2	83.8	90.7	95.1	97.4	97.2	97.5	90.9	75.9
N3	83	89.3	93.6	95.9	95.7	96	89.4	74.4
N4	82.5	88.3	92.6	94.9	94.7	95	88.4	73.4
N5	82	87.4	91.6	93.9	93.7	94	87.4	72.4
N6	81.4	86.3	90.5	92.8	92.6	92.9	86.3	71.3

