

APPENDIX 9-9 LOWER END OF RANGE

The following table presents, for the 10 closest NSL to a proposed turbine, the predicted noise levels at 9 m/s for the upper end of the design range (185 m tip height) and compares them to the predicted noise levels for the lower end of the design range (180 m tip height).

NSL	Predicted Noise Level, dB LA90, at 9 m/s wind speed at standardised 10m height, m/s		
	Upper End	Lower End	Difference
H0030	38.4	38.4	0
H0046	41.1	41.1	0
H0329	38.4	38.4	0
H0358	38.7	38.5	-0.2
H0501	39.2	39.2	0
H0611	38.0	38.0	0
H0675	38.8	38.8	0
H1113	38.8	38.8	0
H1196	37.3	37.3	0
H1467	39.6	39.7	+0.1

As can be seen, most locations have the same predicted noise levels for each end of the design range. Differences are within +/- 0.1 dB LA90.