

# Appendix 9.7 –Candidate Turbine Noise Data

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## Appendix 9.7: Candidate Turbine Noise Data

### *Derivation of data*

The noise assessments for the Proposed Development assume as candidate turbine the Siemens Gamesa SG-6.0-155. Table 9.7.1 shows the noise emission characteristics of the candidate turbine type against wind speed (at a standardised height of 10 m. For the avoidance of doubt, the sound power levels shown include the uncertainties according to the guidance in the Institute of Acoustics Good Practice Guide (the uncertainty added for calculation purposes is the same for either turbine type).

**Table 9.7.1 – Turbine Sound Power Levels at Different Wind Speeds (at 10 m Height)**

Turbine Type	4 m/s	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
SG-6.0-155	99.5	104.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7

