

**Fanellan Hub 400 kV Substation and Converter Station  
Environmental Impact Assessment Report  
Volume 4 | Technical Appendices**

**Appendix 14.23 – BD OHL Construction Activities and  
Associated Noise Levels for Stringing with Conductor**

**February 2025**



## TECHNICAL APPENDIX 14: NOISE IMPACT ASSESSMENT

### 14.23 BD OHL Construction Activities and Associated Noise Levels for Stringing with Conductor

Activity	Plant Item	Quantity	Utilisation %	Sound Power, LW (dB(A))	Sound Power corrected for quantity and utilisation, LW (dB(A))	L <sub>Aeq</sub> at 10 m (dB)
Stringing with Conductor	C2.34 Lorry	1	10%	108	98	70
	C2.35 Telescopic Handler	1	80%	99	98	70
	C6.39 Diesel Generator	2	100%	93	96	68
	C4.86 Diesel Generator	2	20%	93	90	62
	C6.38 Tractor (Towing Water Bowser)	2	100%	111	114	87
<b>Total</b>					115	90