

# **Environmental Impact Assessment (EIA)**

## **Report**

### ***LT383 Alyth to Tealing Overhead Line (OHL)***

### ***400kV Upgrade***

***November 2024***



## **VOLUME 4: APPENDIX 13.7 – CUMULATIVE OPERATIONAL NOISE IMPACT ASSESSMENT**

<b>1.</b>	<b>CUMULATIVE OPERATIONAL NOISE IMPACT ASSESSMENT</b>	<b>1</b>
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## 1. CUMULATIVE OPERATIONAL NOISE IMPACT ASSESSMENT

Table 13.7-1 TGN(E)22 Tier 1 Result Summary

NSR	Name, if possible	Coordinate (X)	Coordinate (Y)	Distance from Proposed Development Centreline (m)	Predicted Wet Noise from Proposed Development (dB(A))	Distance from East Coast 400 kV OHL (m)	Predicted Wet Noise from East Coast 400 kV OHL (dB(A))	Is Tier 1 34 dB(A) already exceeded?	Total Predicted Wet Noise (dB(A))	Magnitude	Significance	Action
1	HAUGHEND FARM COTTAGE	329117	747135	168	35.9	51	40.2	Yes	41.5	Medium	Moderate	Proceed to Tier 2
3	HAUGHEND FARM	329209	746884	164	36.1	212	27.8	No	36.8	Low	Minor	Proceed to Tier 2

Table 13.7-2 TGN(E)22 Tier 2 Result Summary

NSR	Total Predicted Wet Noise (dB(A))	Total Predicted Dry Noise (dB(A))	Combined Wet and Dry Noise	Impact	Significance of Effect
1	41.5	16.5	31.7	No adverse impact	Negligible
3	36.8	11.8	26.9	No adverse impact	Negligible