

Eastern Green Link 4: Scottish Onshore Scheme

Volume 4: Appendices

Appendix 11.3 Baseline Survey Measurements

December 2025

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Prepared for:

SP Energy Networks
320 St Vincent St
Glasgow, G2 5AD

Prepared by:

AECOM Limited
1 Tanfield
Edinburgh EH3 5DA
United Kingdom

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1. Baseline Survey Measurements

Table 1 MLA Survey Location Details

MLA	Description
Location description, what 3 words location and OS grid reference (Easting/Northing)	North Pitkinny Farm, fingertip.rapid.gilding 319692, 696966
Monitoring date and time	Friday 3 rd October 2025, 11:30 – Monday 13 th October 2025 12:15
Monitoring height above ground	1.3m
Distance to nearest building façade	20m
Sound Level Meter and Serial No.	SLM 44 (386762)
Field Calibrator and Serial No.	CAL 2 (2061469)
Weather station used	YES
Daytime description of the sound climate	Wind/Vegetation, distant road traffic noise

Table 2 MLB Survey Location Details

MLB	Description
Location description, what 3 words location and OS grid reference (Easting/Northing)	Long Craigs Terrace, gourmet.immune.tolerates 327186, 687579
Monitoring date and time	Friday 3 rd October 2025, 13:45 – Monday 13 th October 2025, 14:05
Monitoring height above ground	1.3m
Distance to nearest building façade	>3m
Sound Level Meter and Serial No.	SLM 48 (386766)
Field Calibrator and Serial No.	CAL 2 (2061469)
Weather station used	YES
Daytime description of the sound climate	Wind/Vegetation, road traffic noise

Photograph 1 MLA Equipment Setup





Photograph 2 MLB Equipment Setup





Table 3 MLA Summary of Each Measurement Period

Period	Date	$dB L_{Aeq,T}$	$dB L_{AFmax}$	$dB L_{A90,15min}$ Mean
Day (11:30-19:00)	03/10/2025	46	79	36
Day (07:00-19:00)	04/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	05/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	06/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	07/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	08/10/2025	42	77	37
Day (07:00-19:00)	09/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	10/10/2025	45	67	40
Day (07:00-19:00)	11/10/2025	43	71	33
Day (07:00-19:00)	12/10/2025	44	75	32
Day (07:00-12:15)	13/10/2025	54	81	34
Day-Evening (11:300 – 23:00)	03/10/2025	46	79	36
Day-Evening (07:00 – 23:00)	04/10/2025	49	Excluded	Excluded
Day-Evening (07:00 – 23:00)	05/10/2025	48	Excluded	Excluded
Day-Evening (07:00 – 23:00)	06/10/2025	49	Excluded	Excluded
Day-Evening (07:00 – 23:00)	07/10/2025	48	Excluded	Excluded
Day-Evening (07:00 – 23:00)	08/10/2025	49	85	38
Day-Evening (07:00 – 23:00)	09/10/2025	48	Excluded	Excluded
Day-Evening (07:00 – 23:00)	10/10/2025	49	67	40
Day-Evening (07:00 – 23:00)	11/10/2025	48	71	32
Day-Evening (07:00 – 23:00)	12/10/2025	49	75	32
Day-Evening (07:00 – 12:15)	13/10/2025	51	81	34
Evening (19:00-23:00)	03/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	04/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	05/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	06/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	07/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	08/10/2025	47	85	42
Evening (19:00-23:00)	09/10/2025	Excluded	Excluded	Excluded

Period	Date	$dB L_{Aeq,T}$	$dB L_{AFmax}$	$dB L_{A90,15min}$ Mean
Evening (19:00-23:00)	10/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	11/10/2025	32	57	29
Evening (19:00-23:00)	12/10/2025	37	55	30
Evening (19:00-23:00)	13/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	03/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	04/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	05/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	06/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	07/10/2025	35	Excluded	30
Night (23:00-07:00)	08/10/2025	Excluded	85	Excluded
Night (23:00-07:00)	09/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	10/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	11/10/2025	30	57	24
Night (23:00-07:00)	12/10/2025	30	55	26
Night (23:00-07:00)	13/10/2025	Excluded	Excluded	Excluded

Table 4 MLA Overall Summary

Period	$dB L_{Aeq,T}$	$dB L_{AFmax}$	$dB L_{A90,15min}$ Mean	$dB L_{A90,15min}$ Mode
Day (0700-1900)	41	81	33	33
Day-Evening (0700-2300)	41	81	33	33
Evening (1900-2300)	32	57	30	29
Night (2300-0700)	33	62	26	27

Table 5 MLB Summary of Each Measurement Period

Period	Date	$dB L_{Aeq,T}$	$dB L_{AFmax}$	$dB L_{A90,15min}$ Mean
Day (13:45-19:00)	03/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	04/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	05/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	06/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	07/10/2025	42	68	37
Day (07:00-19:00)	08/10/2025	43	71	37
Day (07:00-19:00)	09/10/2025	Excluded	Excluded	Excluded
Day (07:00-19:00)	10/10/2025	Excluded	Excluded	Excluded

Period	Date	<i>dB L_{Aeq,T}</i>	<i>dB L_{AFmax}</i>	<i>dB L_{A90,15min}</i> Mean
Day (07:00-19:00)	11/10/2025	48	73	38
Day (07:00-19:00)	12/10/2025	43	88	30
Day (07:00-14:05)	13/10/2025	42	71	31
Day-Evening (11:300 – 23:00)	03/10/2025	Excluded	Excluded	Excluded
Day-Evening (07:00 – 23:00)	04/10/2025	Excluded	Excluded	Excluded
Day-Evening (07:00 – 23:00)	05/10/2025	Excluded	Excluded	Excluded
Day-Evening (07:00 – 23:00)	06/10/2025	Excluded	Excluded	Excluded
Day-Evening (07:00 – 23:00)	07/10/2025	40	68	33
Day-Evening (07:00 – 23:00)	08/10/2025	43	71	37
Day-Evening (07:00 – 23:00)	09/10/2025	Excluded	Excluded	Excluded
Day-Evening (07:00 – 23:00)	10/10/2025	Excluded	Excluded	Excluded
Day-Evening (07:00 – 23:00)	11/10/2025	46	73	36
Day-Evening (07:00 – 23:00)	12/10/2025	42	88	28
Day-Evening (07:00 – 12:15)	13/10/2025	42	71	31
Evening (19:00-23:00)	03/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	04/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	05/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	06/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	07/10/2025	37	63	29
Evening (19:00-23:00)	08/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	09/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	10/10/2025	Excluded	Excluded	Excluded
Evening (19:00-23:00)	11/10/2025	38	59	32
Evening (19:00-23:00)	12/10/2025	33	67	23
Evening (19:00-23:00)	13/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	03/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	04/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	05/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	06/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	07/10/2025	35	67	25

Period	Date	$dB L_{Aeq,T}$	$dB L_{AFmax}$	$dB L_{A90,15min}$ Mean
Night (23:00-07:00)	08/10/2025	Excluded	Excluded	Excluded
Night (23:00-07:00)	09/10/2025	41	58	32
Night (23:00-07:00)	10/10/2025	37	71	27
Night (23:00-07:00)	11/10/2025	34	65	22
Night (23:00-07:00)	12/10/2025	32	70	22
Night (23:00-07:00)	13/10/2025	Excluded	Excluded	Excluded

Table 6 MLB Sound Level dB Summary

Period	$dB L_{Aeq,T}$	$dB L_{AFmax}$	$dB L_{A90,15min}$ Mean	$dB L_{A90,15min}$ Mode
Day (0700-1900)	42	71	32	34
Day-Evening (0700-2300)	42	71	32	34
Evening (1900-2300)	37	63	24	28
Night (2300-0700)	39	67	23	25