



EAST PARK ENERGY

East Park Energy

EN010141

Environmental Statement

Volume 2 – Technical Appendices

Appendix 10-2: Baseline Noise Survey

Document Reference: EN010141/DR/6.2

Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009: Regulation 5(2)(a)

September 2025

Version P01

EAST PARK ENERGY

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

Environmental Statement Volume 2 – Technical Appendices

Appendix 10-2: Baseline Noise Survey

APFP Regulation Reference:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference:	EN010141
Application Document Number:	EN010141/DR/6.2
Author:	Noise and Vibration Consultants Ltd

Version	Date	Status
P01	September 2025	DCO Submission

© AXIS P.E.D. Ltd 2025. All rights reserved.

This document and its accompanying documents contain information which is confidential and is intended only for the use of the client. If you are not one of the intended recipients any disclosure, copying, distribution or action taken in reliance on the contents of the information is strictly prohibited.

Unless expressly agreed, any reproduction of material from this document must be requested and authorised in writing from AXIS P.E.D. Ltd. Authorised reproduction of material must include all copyright and proprietary notices in the same form and manner as the original and must not be modified in any way. Acknowledgement of the source of the material must also be included in all references.

CONTENTS

1.0	Noise Instrumentation, Methodology and Survey Details	2
1.1	Baseline Sound Survey 1	2
1.2	Baseline Sound Survey 2	9
1.3	Baseline Sound Survey 3	17
2.0	Baseline Survey Results.....	24
2.1	Summary of Background Sound Levels During Baseline Surveys	25
2.2	NMP 1: Swineshead Road	27
2.3	NMP 2: Off Swineshead Road.....	39
2.4	NMP 3: East of Swineshead Road	50
2.5	NMP 4: Pertenhall	61
2.6	NMP 5: College Cottages.....	72
2.7	NMP 6: Pertenhall Road.....	83
2.8	NMP 7: Pertenhall Road.....	95
2.9	NMP 8: Mill Lane	106
2.10	NMP 9: Little Staughton	117
2.11	NMP 10: Green End	129
2.12	NMP 11: Green End	141
2.13	NMP 12: Green End	153
2.14	NMP 13: Little Staughton Road	165
2.15	NMP 14: Great Staughton Road.....	178
2.16	NMP 15: Staughton Manor	190
2.17	NMP 16: Moor Road (North).....	202
2.18	NMP 17: Moor Road (Rushey Farm).....	214
2.19	NMP 18: Moor Road.....	226
2.20	NMP 19: Moor Road (South)	238
2.21	NMP 20: Kimbolton Road	250
2.22	NMP 21: Kimbolton Road (230m from road)	262
2.23	NMP 22: Pastures Farm, The Cottage	274

1.0 NOISE INSTRUMENTATION, METHODOLOGY AND SURVEY DETAILS

1.1 Baseline Sound Survey 1

Date of survey

1.1.1 The survey was conducted between Friday 22nd to Monday 25th March 2024.

Number of survey positions

1.1.2 A total of 8 survey positions were monitored, as follows:

- NMP 15
- NMP 16
- NMP 17
- NMP 18
- NMP 19
- NMP 20
- NMP 21
- NMP 22

Time frame at each position

1.1.3 The instrumentation was in place and monitoring for a period of 72 to 75 hours.

Instrumentation

1.1.4 The following instrumentation was used for the survey:

Equipment Description	Type Number	Manufacturer	Serial Number
Integrating Sound Level Meter	116	Norsonic	25502
Integrating Sound Level Meter	116	Norsonic	17127

Equipment Description	Type Number	Manufacturer	Serial Number
Integrating Sound Level Meter	116	Norsonic	21589
Real Time Analyser	140	Norsonic	1405418
Real Time Analyser	1710	Cirrus	G304789
Real Time Analyser	171B	Cirrus	G056142
Real Time Analyser	171A	Cirrus	G061253
Real Time Analyser	1710	Cirrus	G066350
Sound Calibrator	513A	Cirrus	031523

Methodology

- 1.1.5 Baseline levels were automatically measured over consecutive 15-minute periods including measurements of L_{Aeq} , L_{A90} and L_{Amax} . Fixed noise monitoring equipment at the selected position involved the use of a noise meter mounted in a waterproof box with extension lead connected to the microphone. The microphone was mounted on a tripod at a height of 1.5m above ground with splayed legs and where necessary, supported by a suitable weight attached to the tripod. Microphones were fitted with a wind shield and calibrated prior to and after the survey period.
- 1.1.6 Locations: Details of the monitoring locations are provided in Figure 10-1 of the PEIR Chapter.
- 1.1.7 A portable Davis weather station was positioned on land at Rectory Farm to record local weather conditions.

Subjective Observations

- 1.1.8 The noise climate at monitoring positions was generally formed by local or distant road traffic movements, birdsong and occasional light aircraft. None of

the readings were carried out during any farming activities that would have affected the readings.

Instrumentation Parameters

1.1.9 The following set-up parameters were used on the sound level meters during noise measurement:

1.1.10 **Static Noise Monitoring:**

- Time Weighting:
 - Fast
- Frequency Weighting:
 - 'A'
- Measurement Period:
 - 15 minute intervals

1.1.11 **Calibration:**

- Calibration setting:
 - 94dB

1.1.12 The noise meters were calibrated with the electronic calibrator prior to commencement and on completion of the survey. No significant drift in calibration was observed.

1.1.13 Mr. D.R. Kettlewell of Noise & Vibration Consultants Limited set up the noise monitoring equipment and removed the equipment after completion of the survey.

1.1.14 The noise meters were mounted on a tripod at a height of circa 1.5 metres above ground level and fitted with a wind and rain shield.

Meteorological Conditions

1.1.15 Weather conditions are provided below, which shows dry conditions in a general west-north-west direction. Temperatures varying from 1deg to

14degC during daytime and 1deg to 7deg during night with wind speeds ranging between 0 to 4m/s.

- 1.1.16 The climatic conditions were suitable for monitoring environmental noise levels in accordance with advice given in BS4142:2014+A1:2019 and BS 7445:2003 'Description and measurement of environmental noise'.

Date	Time	Temp	Wind	Wind	Bar	Rain
		Out	Speed	Dir		
22/03/2024	06:30	12.1	0	WNW	773.6	0
22/03/2024	07:00	12.9	0	---	772.8	0
22/03/2024	07:30	12.9	0	W	775	0
22/03/2024	08:00	12.7	0	---	774	0
22/03/2024	08:30	11.8	0	SSE	774	0
22/03/2024	09:00	12.7	0	---	772.8	0
22/03/2024	09:30	12.8	0	---	774.1	0
22/03/2024	10:00	12.5	0	---	774.1	0
22/03/2024	10:30	13.7	0	---	774	0
22/03/2024	11:00	11	0.9	WNW	773.9	0
22/03/2024	11:30	10.8	1.3	WNW	773.8	0
22/03/2024	12:00	11.1	2.2	WNW	773.6	0
22/03/2024	12:30	11.3	2.7	WNW	773.7	0
22/03/2024	13:00	11.5	1.8	WNW	773.4	0
22/03/2024	13:30	11.8	1.8	WNW	773.1	0
22/03/2024	14:00	11.8	2.2	WNW	772.8	0
22/03/2024	14:30	11.7	1.8	WNW	772.7	0
22/03/2024	15:00	12.4	2.2	WNW	772.4	0
22/03/2024	15:30	11.6	1.8	WNW	772.2	0
22/03/2024	16:00	11.2	1.8	WNW	772	0
22/03/2024	16:30	11.2	0.9	WNW	772	0
22/03/2024	17:00	10.5	0.9	WNW	771.9	0
22/03/2024	17:30	9.4	0.4	WNW	771.8	0
22/03/2024	18:00	7.4	0	NW	772	0
22/03/2024	18:30	5.8	0	---	772.1	0
22/03/2024	19:00	4.2	0	---	772.1	0
22/03/2024	19:30	4.9	0	---	772	0
22/03/2024	20:00	5.3	0	---	772	0
22/03/2024	20:30	5.3	0	SW	772	0
22/03/2024	21:00	5.1	0	WSW	771.7	0
22/03/2024	21:30	5.4	0	WSW	771.6	0
22/03/2024	22:00	6.3	0.4	W	771.5	0
22/03/2024	22:30	5.1	0.4	W	771.4	0
22/03/2024	23:00	5.1	0	WNW	771.1	0
22/03/2024	23:30	5.3	0.9	WNW	770.9	0
23/03/2024	00:00	4.8	0.4	WNW	770.8	0

Date	Time	Temp	Wind	Wind	Bar	Rain
		Out	Speed	Dir		
23/03/2024	00:30	4.7	0.9	W	770.7	0
23/03/2024	01:00	4.6	1.3	W	770.6	0
23/03/2024	01:30	4.4	0.4	W	770.4	0
23/03/2024	02:00	4.2	0.9	W	770.4	0
23/03/2024	02:30	4.1	1.3	W	770.2	0
23/03/2024	03:00	4.1	0.9	WSW	770.1	0
23/03/2024	03:30	4.1	1.3	W	770	0
23/03/2024	04:00	3.7	0.9	WSW	769.9	0
23/03/2024	04:30	3.3	0.4	WSW	769.9	0
23/03/2024	05:00	3.3	0.4	WSW	769.7	0
23/03/2024	05:30	3.3	0.4	WSW	769.5	0
23/03/2024	06:00	3.6	0.4	WSW	769.4	0
23/03/2024	06:30	4.3	0.4	WSW	769.3	0
23/03/2024	07:00	5.8	0.9	WSW	769.2	0
23/03/2024	07:30	6.6	2.2	WSW	769.1	0
23/03/2024	08:00	7.4	2.7	W	768.9	0
23/03/2024	08:30	7.8	2.7	WSW	768.5	0
23/03/2024	09:00	8.2	3.6	WNW	768.5	0
23/03/2024	09:30	8.7	4	W	768.2	0
23/03/2024	10:00	9.2	3.6	WNW	768.2	0
23/03/2024	10:30	10.1	3.6	WNW	768.1	0
23/03/2024	11:00	6.2	3.6	W	768.1	0
23/03/2024	11:30	8.1	2.2	W	768	0
23/03/2024	12:00	8.2	3.1	WNW	767.7	0
23/03/2024	12:30	8.5	3.1	WNW	767.7	0
23/03/2024	13:00	9.9	2.2	WNW	767.3	0
23/03/2024	13:30	9.4	3.6	WNW	767.1	0
23/03/2024	14:00	5.3	2.2	WNW	767.7	1.27
23/03/2024	14:30	8.4	2.2	WNW	767.2	0.25
23/03/2024	15:00	9.2	3.1	WNW	767.2	0
23/03/2024	15:30	9.6	3.1	WNW	767	0
23/03/2024	16:00	9.4	2.7	WNW	766.9	0
23/03/2024	16:30	8.9	3.6	WNW	766.9	0
23/03/2024	17:00	8.4	3.6	WNW	767.1	0
23/03/2024	17:30	8.1	2.7	WNW	767.1	0
23/03/2024	18:00	7.7	1.8	W	767	0
23/03/2024	18:30	7.2	1.3	W	766.7	0
23/03/2024	19:00	7.4	1.3	WSW	766.7	0
23/03/2024	19:30	7.3	0.9	WSW	766.7	0
23/03/2024	20:00	7.2	1.8	WSW	766.7	0
23/03/2024	20:30	7.2	1.8	W	766.6	0
23/03/2024	21:00	6.6	1.8	WNW	766.7	0
23/03/2024	21:30	6.2	1.3	W	766.6	0
23/03/2024	22:00	6.9	2.2	W	766.5	0
23/03/2024	22:30	6.4	3.6	WNW	766.4	0
23/03/2024	23:00	6.6	2.2	W	766.3	0
23/03/2024	23:30	6.3	2.2	WNW	766.5	0
24/03/2024	00:00	6.2	1.3	W	766.5	0

Date	Time	Temp Out	Wind Speed	Wind Dir	Bar	Rain
24/03/2024	00:30	6.7	2.2	W	766.4	0
24/03/2024	01:00	6.1	1.3	WNW	766.5	0.51
24/03/2024	01:30	6.1	3.1	WNW	766.5	0
24/03/2024	02:00	5.4	3.1	WNW	766.4	0
24/03/2024	02:30	5.5	2.2	WNW	766.4	0
24/03/2024	03:00	5.8	3.1	WNW	766.3	0
24/03/2024	03:30	5.9	3.1	WNW	766.3	0
24/03/2024	04:00	5.8	3.1	WNW	766.6	0
24/03/2024	04:30	6.1	3.1	WNW	766.9	0
24/03/2024	05:00	5.8	3.6	WNW	767	0
24/03/2024	05:30	5.8	2.7	WNW	767.2	0
24/03/2024	06:00	6	2.2	WNW	767.4	0
24/03/2024	06:30	6.8	2.2	WNW	767.5	0
24/03/2024	07:00	7.3	2.7	WNW	767.5	0
24/03/2024	07:30	7.8	3.6	WNW	767.7	0
24/03/2024	08:00	8.3	2.7	WNW	767.8	0
24/03/2024	08:30	9.2	2.2	WNW	768	0
24/03/2024	09:00	8.7	3.1	WNW	768.2	0
24/03/2024	09:30	9.7	3.1	WNW	768.2	0
24/03/2024	10:00	10.2	2.7	WNW	768.3	0
24/03/2024	10:30	10.6	2.2	WNW	768.2	0
24/03/2024	11:00	10.8	1.8	WNW	768.3	0
24/03/2024	11:30	10.9	2.2	WNW	768.3	0
24/03/2024	12:00	11.9	2.7	WNW	768.3	0
24/03/2024	12:30	11.8	2.2	WNW	768.5	0
24/03/2024	13:00	11.7	2.2	WNW	768.5	0
24/03/2024	13:30	11.7	3.1	WNW	768.4	0
24/03/2024	14:00	11.4	3.1	WNW	768.4	0
24/03/2024	14:30	11.6	1.8	WNW	768.3	0
24/03/2024	15:00	11.4	1.8	WNW	768.3	0
24/03/2024	15:30	12.2	2.7	WNW	768	0
24/03/2024	16:00	11.8	2.7	WNW	768	0
24/03/2024	16:30	11	0.4	WNW	768	0
24/03/2024	17:00	10.8	0.9	WNW	768	0
24/03/2024	17:30	9	0.4	WNW	768	0
24/03/2024	18:00	6.2	0	WNW	767.9	0
24/03/2024	18:30	4.8	0	---	768.1	0
24/03/2024	19:00	3.8	0	---	767.9	0
24/03/2024	19:30	2.4	0	---	767.9	0
24/03/2024	20:00	3.1	0	---	767.8	0
24/03/2024	20:30	1.8	0	---	767.6	0
24/03/2024	21:00	1.4	0	---	767.4	0
24/03/2024	21:30	0.9	0	---	767.2	0
24/03/2024	22:00	0.6	0	---	767	0
24/03/2024	22:30	1.1	0	---	766.8	0
24/03/2024	23:00	0.7	0	---	766.7	0
24/03/2024	23:30	0.6	0	---	766.5	0
25/03/2024	00:00	1.6	0	---	766.3	0

Date	Time	Temp	Wind	Wind	Bar	Rain
		Out	Speed	Dir		
25/03/2024	00:30	2	0	---	765.9	0
25/03/2024	01:00	2.5	0	---	765.8	0
25/03/2024	01:30	3.1	0	---	765.3	0
25/03/2024	02:00	3.5	0	---	764.8	0
25/03/2024	02:30	3.6	0	---	764.5	0
25/03/2024	03:00	4.2	0	---	764.3	0
25/03/2024	03:30	4.4	0	---	764	0
25/03/2024	04:00	4.6	0	S	764	0
25/03/2024	04:30	4.8	0	---	763.6	0
25/03/2024	05:00	4.7	0	---	763.3	0
25/03/2024	05:30	4.9	0	---	763.2	0
25/03/2024	06:00	5.4	0	---	763	0
25/03/2024	06:30	5.9	0	---	762.9	0
25/03/2024	07:00	6.5	0	---	762.9	0
25/03/2024	07:30	7.5	0	S	762.5	0
25/03/2024	08:00	8.9	0	SSW	762.5	0
25/03/2024	08:30	9.2	0.4	S	762.2	0
25/03/2024	09:00	10.4	0.9	S	762.1	0
25/03/2024	09:30	10.3	0.9	SSW	761.9	0
25/03/2024	10:00	10.4	0.9	S	761.7	0
25/03/2024	10:30	10.8	0.9	S	761.4	0
25/03/2024	11:00	10.8	0.9	S	761.4	0
25/03/2024	11:30	9.2	0.4	SSW	761	0
25/03/2024	12:00	10.7	0.4	SSW	760.7	0
25/03/2024	12:30	13.7	0	SE	760.1	0

Baseline Survey Results

- 1.1.17 Details of all measurements taken showing the resultant levels at the selected measurement positions are provided in Section 2.0.

1.2 Baseline Sound Survey 2

Date of survey

1.2.1 The survey was conducted between Friday 17th to Monday 20th May 2024.

Number of survey positions

1.2.2 A total of 7 survey positions were monitored, as follows:

- NMP 1
- NMP 6
- NMP 10
- NMP 11
- NMP 12
- NMP 13
- NMP 14

Time frame at each position

1.2.3 The instrumentation was in place and monitoring for a period of 72 to 74 hours.

Instrumentation

1.2.4 The following instrumentation was used for the survey:

Equipment Description	Type Number	Manufacturer	Serial Number
Integrating Sound Level Meter	116	Norsonic	25502
Integrating Sound Level Meter	116	Norsonic	17012
Real Time Analyser	140	Norsonic	1405418
Real Time Analyser	1710	Cirrus	G304789
Real Time Analyser	171B	Cirrus	G056142

Equipment Description	Type Number	Manufacturer	Serial Number
Real Time Analyser	171A	Cirrus	G061253
Real Time Analyser	1710	Cirrus	G066350
Sound Calibrator	513A	Cirrus	031523
Sound Calibrator	1251	Norsonic	17267

Methodology

- 1.2.5 Baseline levels were automatically measured over consecutive 15-minute periods including measurements of L_{Aeq} , L_{A90} and L_{Amax} . Fixed noise monitoring equipment at the selected position involved the use of a noise meter mounted in a waterproof box with extension lead connected to the microphone. The microphone was mounted on a tripod at a height of 1.5m above ground with splayed legs and where necessary, supported by a suitable weight attached to the tripod. Microphones were fitted with a wind shield and calibrated prior to and after the survey period.
- 1.2.6 Locations: Details of the monitoring locations are provided in Figure 10-1 of the PEIR Chapter.
- 1.2.7 A portable Davis weather station was positioned on land adjacent to monitoring position P3A to record local weather conditions.

Subjective Observations

- 1.2.8 The noise climate at monitoring positions was generally formed by local or distant road traffic movements, birdsong and occasional light aircraft. None of the readings were carried out during any farming activities that would have affected the readings.

Instrumentation Parameters

1.2.9 The following set-up parameters were used on the sound level meters during noise measurement:

1.2.10 **Static Noise Monitoring:**

- Time Weighting:
 - Fast
- Frequency Weighting:
 - 'A'
- Measurement Period:
 - 15 minute intervals

1.2.11 **Calibration:**

- Calibration setting:
 - 94dB

1.2.12 The noise meters were calibrated with the electronic calibrator prior to commencement and on completion of the survey. No significant drift in calibration was observed.

1.2.13 Mr. D.R. Kettlewell of Noise & Vibration Consultants Limited set up the noise monitoring equipment and removed the equipment after completion of the survey.

1.2.14 The noise meters were mounted on a tripod at a height of circa 1.5 metres above ground level and fitted with a wind and rain shield.

Meteorological Conditions

1.2.15 As shown below the climatic conditions were dry in a general southeast to northeast direction. Temperatures varying from 11deg to 21degC during daytime and 8deg to 14deg during night with wind speeds ranging between 0 to 3m/s. These conditions are suitable for sound monitoring of baseline levels in accordance with BS4142:2014+A1:2019.

1.2.16 The climatic conditions were suitable for monitoring environmental noise levels in accordance with advice given in BS4142:2014+A1:2019 and BS 7445:2003 'Description and measurement of environmental noise'.

Date	Time	Temp	Wind	Wind	Rain
		Out	Speed	Dir	
17/05/2024	05:00	12.6	0	---	0
17/05/2024	05:30	12.5	0	---	0
17/05/2024	06:00	14.2	0	---	0
17/05/2024	06:30	14.2	0	---	0
17/05/2024	07:00	14.6	0	---	0
17/05/2024	07:30	15.4	0	---	0
17/05/2024	08:00	16.6	0	---	0
17/05/2024	08:30	16.5	0	---	0
17/05/2024	09:00	15.7	0.4	W	0
17/05/2024	09:30	16.4	0.9	SW	0
17/05/2024	10:00	17.1	0.9	SW	0
17/05/2024	10:30	18.2	0.4	WSW	0
17/05/2024	11:00	18.5	0.9	SW	0
17/05/2024	11:30	18.7	0.4	W	0
17/05/2024	12:00	19.4	0.4	SSE	0
17/05/2024	12:30	19.6	0.4	SSE	0
17/05/2024	13:00	19.9	0.4	SSE	0
17/05/2024	13:30	19.3	0.4	SSE	0
17/05/2024	14:00	19.7	0	SSE	0
17/05/2024	14:30	20.2	0.4	SSE	0
17/05/2024	15:00	20.5	0.4	SSE	0
17/05/2024	15:30	20.7	0.4	SSE	0
17/05/2024	16:00	20.6	0.4	SSE	0
17/05/2024	16:30	20.9	0	SSE	0
17/05/2024	17:00	20.9	0	SSE	0
17/05/2024	17:30	20.6	0	SSE	0
17/05/2024	18:00	20.5	0	SSE	0
17/05/2024	18:30	20.5	0	SSE	0
17/05/2024	19:00	19.7	0	SSE	0
17/05/2024	19:30	18.8	0	SSE	0
17/05/2024	20:00	17.7	0	---	0
17/05/2024	20:30	16.7	0.4	SSE	0
17/05/2024	21:00	16	0.4	SSE	0
17/05/2024	21:30	15.4	0	SSE	0
17/05/2024	22:00	14.8	0	---	0
17/05/2024	22:30	14.6	0	---	0
17/05/2024	23:00	13.9	0	---	0
17/05/2024	23:30	13.5	0	---	0
18/05/2024	00:00	13.3	0	---	0
18/05/2024	00:30	12.8	0	---	0
18/05/2024	01:00	12.2	0	---	0
18/05/2024	01:30	11.9	0	---	0
18/05/2024	02:00	11.5	0	---	0
18/05/2024	02:30	11.2	0	SSE	0
18/05/2024	03:00	12.1	0.4	SSE	0
18/05/2024	03:30	11.6	0.4	SSE	0
18/05/2024	04:00	11.6	0	SSE	0
18/05/2024	04:30	11.7	0	SSE	0

Date	Time	Temp	Wind	Wind	Rain
		Out	Speed	Dir	
18/05/2024	05:00	11.6	0	SSE	0
18/05/2024	05:30	11.6	0.4	SSE	0
18/05/2024	06:00	11.8	0	SSE	0
18/05/2024	06:30	11.8	0	SSE	0
18/05/2024	07:00	11.7	0.4	SSE	0
18/05/2024	07:30	11.8	0.4	SSE	0
18/05/2024	08:00	11.8	0	SSE	0
18/05/2024	08:30	12.2	0	SSE	0
18/05/2024	09:00	12	0.4	SSE	0
18/05/2024	09:30	12.2	0	SSE	0
18/05/2024	10:00	12.8	0	SSE	0
18/05/2024	10:30	13.1	0	SSE	0
18/05/2024	11:00	13.7	0.4	SSE	0
18/05/2024	11:30	14.1	0.9	SSE	0
18/05/2024	12:00	14.5	0.4	SSE	0
18/05/2024	12:30	15.3	0.9	SSE	0
18/05/2024	13:00	15.2	0.4	SSE	0
18/05/2024	13:30	15.7	0.4	SSE	0
18/05/2024	14:00	16.7	0.9	SSE	0
18/05/2024	14:30	17.8	0.9	SSE	0
18/05/2024	15:00	18.6	0.4	SSE	0
18/05/2024	15:30	20	0.9	SSE	0
18/05/2024	16:00	19.4	0.9	SSE	0
18/05/2024	16:30	20.2	0.4	SSE	0
18/05/2024	17:00	20.2	0.4	SSE	0
18/05/2024	17:30	20.4	0.4	NW	0
18/05/2024	18:00	19.1	0.4	NE	0
18/05/2024	18:30	19.6	0.4	NE	0
18/05/2024	19:00	17.8	1.3	NE	0
18/05/2024	19:30	16.9	1.3	NE	0
18/05/2024	20:00	16.6	0	NE	0
18/05/2024	20:30	15.8	0	---	0
18/05/2024	21:00	13.7	0.4	NE	0
18/05/2024	21:30	12.7	0	NE	0
18/05/2024	22:00	11.3	0	NW	0
18/05/2024	22:30	10.4	0	---	0
18/05/2024	23:00	9.7	0	---	0
18/05/2024	23:30	9.1	0	---	0
19/05/2024	00:00	8.6	0	---	0
19/05/2024	00:30	8.9	0	NNW	0
19/05/2024	01:00	8.2	0	WNW	0
19/05/2024	01:30	8.2	0	---	0
19/05/2024	02:00	8.5	0	WNW	0
19/05/2024	02:30	9.9	0	NNW	0
19/05/2024	03:00	10.7	0	NW	0
19/05/2024	03:30	10.8	0.4	NW	0
19/05/2024	04:00	10.8	0	NW	0
19/05/2024	04:30	10.9	0.4	NW	0

Date	Time	Temp	Wind	Wind	Rain
		Out	Speed	Dir	
19/05/2024	05:00	10.8	0.4	NNE	0
19/05/2024	05:30	10.9	0.4	NNE	0
19/05/2024	06:00	11	0	NNE	0
19/05/2024	06:30	11.3	0	NE	0
19/05/2024	07:00	11.5	0.4	NE	0
19/05/2024	07:30	11.6	0.4	NNE	0
19/05/2024	08:00	11.7	0.4	NNE	0
19/05/2024	08:30	11.7	0.4	NNE	0
19/05/2024	09:00	12.2	0.4	NE	0
19/05/2024	09:30	12.9	1.3	NE	0
19/05/2024	10:00	14.8	0.9	NE	0
19/05/2024	10:30	16.4	1.3	NE	0
19/05/2024	11:00	17.7	1.3	NE	0
19/05/2024	11:30	18.6	1.3	NE	0
19/05/2024	12:00	19.6	1.3	NE	0
19/05/2024	12:30	20.1	2.2	NE	0
19/05/2024	13:00	20.3	2.2	NE	0
19/05/2024	13:30	20.3	2.7	NE	0
19/05/2024	14:00	20.6	2.7	NE	0
19/05/2024	14:30	20.9	2.7	NE	0
19/05/2024	15:00	20.6	2.7	NE	0
19/05/2024	15:30	20.2	2.7	NE	0
19/05/2024	16:00	20.8	1.8	NE	0
19/05/2024	16:30	20.1	2.2	NE	0
19/05/2024	17:00	19.6	2.7	NE	0
19/05/2024	17:30	19.1	2.7	NE	0
19/05/2024	18:00	18.7	2.7	NE	0
19/05/2024	18:30	17.9	2.7	NE	0
19/05/2024	19:00	17.1	2.2	NE	0
19/05/2024	19:30	16.2	2.2	NE	0
19/05/2024	20:00	15.2	1.3	NE	0
19/05/2024	20:30	13.7	1.8	NE	0
19/05/2024	21:00	12.5	1.3	NE	0
19/05/2024	21:30	11.7	0.4	NE	0
19/05/2024	22:00	11.2	0.4	NE	0
19/05/2024	22:30	10.8	0	WSW	0
19/05/2024	23:00	10.8	0.4	NNW	0
19/05/2024	23:30	10.3	0.4	NE	0
20/05/2024	00:00	9.8	0.4	NE	0
20/05/2024	00:30	9.8	0	NE	0
20/05/2024	01:00	10.4	0.4	NE	0
20/05/2024	01:30	10.4	0.4	SSE	0
20/05/2024	02:00	10.3	0.4	SSE	0
20/05/2024	02:30	10.2	0.4	SSE	0
20/05/2024	03:00	10	0.4	SSE	0
20/05/2024	03:30	10.2	0.4	SSE	0
20/05/2024	04:00	10.1	0.4	SSE	0
20/05/2024	04:30	9.8	0	SSE	0

Date	Time	Temp	Wind	Wind	Rain
		Out	Speed	Dir	
20/05/2024	05:00	9.6	0	SSE	0
20/05/2024	05:30	9.6	0	SSE	0
20/05/2024	06:00	9.9	0.9	SSE	0
20/05/2024	06:30	10.2	0.4	SSE	0
20/05/2024	07:00	10.6	0.4	SSE	0
20/05/2024	07:30	10.7	0.9	SSE	0
20/05/2024	08:00	12.2	0.4	SSE	0
20/05/2024	08:30	14.3	0	---	0
20/05/2024	09:00	15.3	0	---	0
20/05/2024	09:30	15.8	0	---	0
20/05/2024	10:00	15.6	0	---	0
20/05/2024	10:30	18.7	0	WNW	0
20/05/2024	11:00	17.2	0	---	0
20/05/2024	11:30	16.2	0	---	0
20/05/2024	12:00	12.8	0	ESE	0
20/05/2024	12:30	13.1	0.4	ESE	0
20/05/2024	13:00	13.1	0	ESE	0
20/05/2024	13:30	13.4	0	ESE	0

Baseline Survey Results

- 1.2.17 Details of all measurements taken showing the resultant levels at the selected measurement positions are provided in Section 2.0.

1.3 Baseline Sound Survey 3

Date of survey

1.3.1 The survey was conducted between Friday 7th to Monday 10th June 2024.

Number of survey positions

1.3.2 A total of 7 survey positions were monitored, as follows:

- NMP 2
- NMP 3
- NMP 4
- NMP 5
- NMP 7
- NMP 8
- NMP 9

Time frame at each position

1.3.3 The instrumentation was in place and monitoring for a period of 72 hours.

Instrumentation

1.3.4 The following instrumentation was used for the survey:

Equipment Description	Type Number	Manufacturer	Serial Number
Integrating Sound Level Meter	116	Norsonic	21589
Integrating Sound Level Meter	116	Norsonic	25502
Real Time Analyser	140	Norsonic	1405418
Real Time Analyser	1710	Cirrus	G304789
Real Time Analyser	171B	Cirrus	G056142

Equipment Description	Type Number	Manufacturer	Serial Number
Real Time Analyser	171A	Cirrus	G061253
Real Time Analyser	1710	Cirrus	G066350
Sound Calibrator	513A	Cirrus	031523
Sound Calibrator	1251	Norsonic	17267

Methodology

- 1.3.5 Baseline levels were automatically measured over consecutive 15-minute periods including measurements of L_{Aeq} , L_{A90} and L_{Amax} . Fixed noise monitoring equipment at the selected position involved the use of a noise meter mounted in a waterproof box with extension lead connected to the microphone. The microphone was mounted on a tripod at a height of 1.5m above ground with splayed legs and where necessary, supported by a suitable weight attached to the tripod. Microphones were fitted with a wind shield and calibrated prior to and after the survey period.
- 1.3.6 Locations: Details of the monitoring locations are provided in Figure 10-1 of the PEIR Chapter.
- 1.3.7 A portable Davis weather station was positioned on land adjacent to monitoring position P12 to record local weather conditions.

Subjective Observations

- 1.3.8 The noise climate at monitoring positions was generally formed by local or distant road traffic movements, birdsong and occasional light aircraft. None of the readings were carried out during any farming activities that would have affected the readings.

Instrumentation Parameters

1.3.9 The following set-up parameters were used on the sound level meters during noise measurement:

1.3.10 **Static Noise Monitoring:**

- Time Weighting:
 - Fast
- Frequency Weighting:
 - 'A'
- Measurement Period:
 - 15 minute intervals

1.3.11 **Calibration:**

- Calibration setting:
 - 94dB

1.3.12 The noise meters were calibrated with the electronic calibrator prior to commencement and on completion of the survey. No significant drift in calibration was observed.

1.3.13 Mr. D.R. Kettlewell of Noise & Vibration Consultants Limited set up the noise monitoring equipment and removed the equipment after completion of the survey.

1.3.14 The noise meters were mounted on a tripod at a height of circa 1.5 metres above ground level and fitted with a wind and rain shield.

Meteorological Conditions

1.3.15 The weather conditions recorded are presented below, which shows generally dry conditions in a general southwest direction. Temperatures varying from 6deg to 20degC during daytime and 4deg to 11deg during night with wind speeds ranging between 0 to 1.4m/s. These conditions are suitable for sound monitoring of baseline levels in accordance with BS4142:2014+A1:2019.

1.3.16 The climatic conditions were suitable for monitoring environmental noise levels in accordance with advice given in BS4142:2014+A1:2019 and BS 7445:2003 'Description and measurement of environmental noise'.

Date	Time	Temp Out	Wind Speed	Wind Dir	Bar	Rain
07/06/2024	06:00	10.2	0	---	770.6	0
07/06/2024	06:30	11.8	0	---	772.9	0
07/06/2024	07:00	12.5	0	---	775	0
07/06/2024	07:30	14.6	0	---	775	0
07/06/2024	08:00	15.4	0	SSE	773.1	0
07/06/2024	08:30	20.1	0	---	772.9	0
07/06/2024	09:00	18.8	0	SSW	773	0.76
07/06/2024	09:30	18.9	0	ENE	772.3	0
07/06/2024	10:00	19	0	---	772.2	0
07/06/2024	10:30	19.1	0.4	SW	773.2	0.25
07/06/2024	11:00	19.4	0	SW	773.4	0
07/06/2024	11:30	18.9	0.4	SW	773.3	0
07/06/2024	12:00	20.2	0.4	SW	773.2	0
07/06/2024	12:30	18.9	0.9	SW	773.3	0
07/06/2024	13:00	19.2	0.4	SW	772.9	0
07/06/2024	13:30	19.4	0.9	SW	772.6	0
07/06/2024	14:00	19	0.9	SW	772.6	0
07/06/2024	14:30	18.8	0.4	SW	772.3	0
07/06/2024	15:00	17.3	0.4	SW	772	0
07/06/2024	15:30	19.8	0.9	SW	771.7	0
07/06/2024	16:00	18.8	1.3	SW	771.6	0
07/06/2024	16:30	18.5	0.9	SW	771.4	0
07/06/2024	17:00	18.6	0.4	SW	771.1	0
07/06/2024	17:30	18.2	0.9	SW	770.9	0
07/06/2024	18:00	18.1	0.9	SW	770.7	0
07/06/2024	18:30	18.1	0.4	SW	770.8	0
07/06/2024	19:00	17.2	0.4	SW	770.7	0
07/06/2024	19:30	16.7	0.4	SW	770.5	0
07/06/2024	20:00	15.7	0.4	SW	770.7	0
07/06/2024	20:30	14.4	0	SW	770.6	0
07/06/2024	21:00	13.4	0	SW	770.7	0
07/06/2024	21:30	12.6	0	SW	770.7	0
07/06/2024	22:00	11.7	0	WNW	770.9	0
07/06/2024	22:30	10.9	0	SW	770.9	0
07/06/2024	23:00	10.6	0	WSW	770.8	0
07/06/2024	23:30	10.4	0	WSW	770.5	0
08/06/2024	00:00	9.7	0	S	770.4	0

Date	Time	Temp	Wind	Wind	Bar	Rain
		Out	Speed	Dir		
08/06/2024	00:30	8.9	0	SW	770.3	0
08/06/2024	01:00	9.1	0	W	770.1	0
08/06/2024	01:30	8.7	0	W	770.1	0
08/06/2024	02:00	8.1	0	S	769.8	0
08/06/2024	02:30	7.9	0	SW	769.5	0
08/06/2024	03:00	7.7	0	WNW	769.1	0
08/06/2024	03:30	7.4	0	WNW	769	0
08/06/2024	04:00	7.3	0	WSW	768.6	0
08/06/2024	04:30	6.8	0	SW	768.8	0
08/06/2024	05:00	6.8	0	SW	768.5	0
08/06/2024	05:30	7.3	0	SW	768.4	0
08/06/2024	06:00	8.3	0	SW	768.5	0
08/06/2024	06:30	11.4	0	SW	768.1	0
08/06/2024	07:00	13.8	0	SW	768.2	0
08/06/2024	07:30	12.8	0	SW	768.2	0
08/06/2024	08:00	13.1	0	SW	768.3	0
08/06/2024	08:30	14.4	0	SW	768.3	0
08/06/2024	09:00	17.1	0.4	W	768.3	0
08/06/2024	09:30	17.7	0.4	SW	768.2	0
08/06/2024	10:00	16.8	0.4	WNW	768.1	0
08/06/2024	10:30	19.3	0.4	WSW	768.2	0
08/06/2024	11:00	14	0.4	WSW	768.8	0
08/06/2024	11:30	12.9	0	SW	769	0
08/06/2024	12:00	14.7	0	SW	768.8	0
08/06/2024	12:30	15.7	0	WSW	768.7	0
08/06/2024	13:00	18.9	0	SW	769	0
08/06/2024	13:30	19.8	0	SW	768.9	0
08/06/2024	14:00	19.8	0	SW	769	0
08/06/2024	14:30	19.7	0	SW	769.1	0
08/06/2024	15:00	20.2	0.4	SW	769	0
08/06/2024	15:30	20	0.4	SW	769	0
08/06/2024	16:00	19.5	0	SW	769	0
08/06/2024	16:30	20	0.4	WNW	769.1	0
08/06/2024	17:00	18.3	0	SW	769.3	0
08/06/2024	17:30	18.5	0	SW	769.3	0
08/06/2024	18:00	17.9	0	WSW	769.4	0
08/06/2024	18:30	17.6	0	W	769.5	0
08/06/2024	19:00	15.8	0	NNE	769.8	0
08/06/2024	19:30	14.3	0	W	769.8	0
08/06/2024	20:00	13.1	0	SW	769.9	0
08/06/2024	20:30	11.9	0	WSW	770	0
08/06/2024	21:00	10.5	0	SW	770.3	0
08/06/2024	21:30	8.8	0	SW	770.6	0
08/06/2024	22:00	7.7	0	---	770.8	0
08/06/2024	22:30	6.4	0	---	770.7	0
08/06/2024	23:00	5.8	0	---	770.9	0
08/06/2024	23:30	5.1	0	---	771.2	0
09/06/2024	00:00	5.2	0	---	770.8	0

Date	Time	Temp	Wind	Wind	Bar	Rain
		Out	Speed	Dir		
09/06/2024	00:30	4.3	0	---	770.9	0
09/06/2024	01:00	3.9	0	---	770.9	0
09/06/2024	01:30	4.1	0	---	770.8	0
09/06/2024	02:00	4.2	0	SW	770.7	0
09/06/2024	02:30	4.4	0	SW	770.6	0
09/06/2024	03:00	4.7	0	SW	770.3	0
09/06/2024	03:30	4.2	0	---	770.1	0
09/06/2024	04:00	3.6	0	---	770.1	0
09/06/2024	04:30	3.6	0	SW	769.8	0
09/06/2024	05:00	4.1	0	SW	769.7	0
09/06/2024	05:30	4.3	0	SW	769.7	0
09/06/2024	06:00	4.9	0	SW	769.6	0
09/06/2024	06:30	8.8	0	SW	769.6	0
09/06/2024	07:00	11.9	0	WSW	769.3	0
09/06/2024	07:30	13.8	0	SW	769	0
09/06/2024	08:00	15.1	0	WNW	769.2	0
09/06/2024	08:30	15.9	0.4	WSW	769.1	0
09/06/2024	09:00	17.1	0.4	WSW	769.1	0
09/06/2024	09:30	17.3	0	WSW	769.3	0
09/06/2024	10:00	15	0	W	769.2	0
09/06/2024	10:30	15.7	0	SW	769.1	0
09/06/2024	11:00	15.1	0	SW	769	0
09/06/2024	11:30	15.3	0	SW	769	0
09/06/2024	12:00	14.4	0	SW	769	0
09/06/2024	12:30	14.1	0	WSW	768.8	0
09/06/2024	13:00	14.5	0	W	768.6	0
09/06/2024	13:30	15.3	0	SW	768.5	0
09/06/2024	14:00	14.7	0	WSW	768.6	0
09/06/2024	14:30	15.2	0	SW	768.3	0
09/06/2024	15:00	14.8	0	SW	768.3	0
09/06/2024	15:30	16.3	0	SW	768.1	0
09/06/2024	16:00	16.1	0	W	768.1	0
09/06/2024	16:30	16.4	0	WNW	767.9	0
09/06/2024	17:00	15.3	0.4	W	767.8	0
09/06/2024	17:30	15.3	0	WSW	767.8	0
09/06/2024	18:00	14.7	0	W	767.7	0
09/06/2024	18:30	14.5	0	SW	767.6	0
09/06/2024	19:00	14.3	0	SW	767.5	0
09/06/2024	19:30	13.6	0	WSW	767.4	0
09/06/2024	20:00	13.5	0	WSW	767.5	0
09/06/2024	20:30	13.2	0	SW	767.4	0
09/06/2024	21:00	12.7	0	SW	767.3	0
09/06/2024	21:30	12.1	0	---	767.2	0
09/06/2024	22:00	11.6	0	SW	767	0
09/06/2024	22:30	11.3	0	S	766.7	0
09/06/2024	23:00	11	0	---	766.5	0
09/06/2024	23:30	10.9	0	---	766.3	0
10/06/2024	00:00	11.1	0	SW	766	0

Date	Time	Temp	Wind	Wind	Bar	Rain
		Out	Speed	Dir		
10/06/2024	00:30	11	0	SW	765.7	0
10/06/2024	01:00	11	0	SW	765.3	0
10/06/2024	01:30	11.1	0	SW	764.9	0
10/06/2024	02:00	11.2	0	SW	764.6	0
10/06/2024	02:30	11.2	0	SW	764.3	0
10/06/2024	03:00	11.3	0	SW	763.9	0
10/06/2024	03:30	11.3	0	SW	763.6	0.25
10/06/2024	04:00	11.2	0	SW	763.5	0.76
10/06/2024	04:30	10.9	0	SW	763.6	0.25
10/06/2024	05:00	10.1	0	SW	763.8	0.25
10/06/2024	05:30	9.6	0	SW	763.9	0
10/06/2024	06:00	9.6	0	N	764	0
10/06/2024	06:30	9.4	0	W	764.2	0
10/06/2024	07:00	9.3	0	SW	764.5	0.25
10/06/2024	07:30	8.8	0	SW	765.3	0.51
10/06/2024	08:00	8.6	0	SW	765.7	1.78
10/06/2024	08:30	9.2	0	SW	766.2	0.51
10/06/2024	09:00	10.7	0	W	766.7	0
10/06/2024	09:30	12.1	0	---	766.6	0
10/06/2024	10:00	12.8	0	ESE	765.7	0
10/06/2024	10:30	15.1	0	---	764.3	0
10/06/2024	11:00	16.6	0	---	763	0
10/06/2024	11:30	17.4	0	---	761.1	0

Baseline Survey Results

1.3.17 Details of all measurements taken showing the resultant levels at the selected measurement positions are provided in Section 2.0.

2.0 BASELINE SURVEY RESULTS

2.1 Summary of Background Sound Levels During Baseline Surveys

Survey 1: March 2024

	NMP22	NMP22	NMP22	NMP21	NMP21	NMP21	NMP20	NMP20	NMP20	NMP19	NMP19	NMP19	NMP16	NMP16	NMP16	NMP18	NMP18	NMP18	NMP17	NMP17	NMP17	NMP15	NMP15	NMP15
	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700
Total number of values	197	71	24	198	71	24	201	71	24	203	71	24	203	71	24	196	71	24	195	71	24	195	71	23
Number of excluded values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of binned values	197	71	24	198	71	24	201	71	24	203	71	24	203	71	24	196	71	24	195	71	24	195	71	23
Minimum	27.0	25.0	35.0	31.0	25.0	33.0	29.0	27.0	37.0	31.0	31.0	34.0	28.0	23.0	32.0	26.0	22.0	33.0	29.0	23.0	34.0	31.0	26.0	33.0
25% Percentile	37.0	29.0	38.3	44.0	29.0	36.3	45.0	30.0	39.3	35.0	31.0	36.3	38.0	28.0	35.0	35.0	26.0	34.0	38.0	27.0	37.5	38.0	31.0	37.0
Median	39.0	35.0	39.5	47.0	33.0	40.0	48.0	35.0	41.0	38.0	35.0	38.5	40.0	30.0	38.5	38.0	31.0	35.5	42.0	35.0	40.5	40.0	32.0	38.0
75% Percentile	42.0	38.0	41.0	48.3	40.0	41.8	50.0	40.0	42.8	40.0	38.0	40.0	42.0	35.0	40.0	42.0	33.0	37.8	45.0	42.0	43.8	42.0	36.0	39.0
Maximum	61.0	47.0	44.0	54.0	49.0	45.0	58.0	48.0	48.0	50.0	44.0	43.0	52.0	41.0	46.0	47.0	41.0	40.0	57.0	49.0	47.0	47.0	40.0	41.0
Most commonplace	39	35.0	39	47.0	32.0	40.0	49.0	30.0	40.0	37.0	31.0	39.0	39.0	30.0	40.0	37.0	31.0	34.0	43.0	35.0	39.0	42.0	32.0	38.0
Mean (log average)	44	38	40	47	39	40	49	40	42	40	36	39	42	33	40	40	33	36	45	40	42	40	34	38
Std. Deviation	5.7	5.3	2.3	4.2	6.4	3.0	5.7	5.9	2.6	3.9	3.6	2.1	4.2	4.6	3.7	4.8	5.1	2.0	5.9	7.6	3.5	3.3	3.2	1.9
Std. Error of Mean	0.4	0.6	0.5	0.3	0.8	0.6	0.4	0.7	0.5	0.3	0.4	0.4	0.3	0.5	0.7	0.3	0.6	0.4	0.4	0.9	0.7	0.2	0.4	0.4
Lower 95% CI of mean	38.6	33.3	38.5	45.0	33.2	38.0	46.1	34.1	40.1	37.4	34.2	37.3	39.3	29.9	36.8	36.8	28.7	35.0	40.9	33.2	39.2	39.0	32.1	36.7
Upper 95% CI of mean	40.2	35.8	40.4	46.2	36.2	40.5	47.7	36.9	42.4	38.5	35.9	39.1	40.5	32.1	39.9	38.1	31.1	36.7	42.5	36.8	42.2	39.9	33.7	38.4

Survey 2: May 2024

	NMP13	NMP13	NMP13	NMP14	NMP14	NMP14	NMP11	NMP11	NMP11	NMP12	NMP12	NMP12	NMP10	NMP10	NMP10	NMP6	NMP6	NMP6	NMP1	NMP1	NMP1
	0700-230	2300-050	0500-070	0700-230	2300-050	0500-070	0700-230	2300-050	0500-070	0700-230	2300-050	0500-070	0700-230	2300-050	0500-070	0700-230	2300-050	0500-070	0700-230	2300-050	0500-070
Total number of values	198	72	24	196	72	24	198	72	24	199	72	24	202	72	24	197	72	24	200	72	24
Number of excluded values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of binned values	198	72	24	196	72	24	198	72	24	199	72	24	202	72	24	197	72	24	200	72	24
Minimum	23	29	32	19	20	26	21	20	27	24	19	27	24	19	26	29	27	34	35	35	38
25% Percentile	33	31	33	27	22	28	29	22	29	30	22	29	29	21	28	34	29	35	38	36	38
Median	36	32	36	30	23	29	33	23	30	33	25	31	32	23	30	36	30	36	39	37	39
75% Percentile	38	34	36	32	25	30	34	27	31	37	29	33	35	27	31	38	35	37	41	37	39
Maximum	45	39	39	36	28	31	39	33	34	44	35	35	39	31	32	43	40	38	48	39	40
Most commonplace	37	31	36	30	23	29	34	22	29	34	23	30	34	22	30	36	29	36	39	37	39
Mean (log average)	38	32	35	30	24	29	33	26	30	35	28	32	33	25	30	37	30	36	40	37	39
Std. Deviation	4.05	2.26	2.08	3.09	1.97	1.34	3.29	3.46	1.93	4.39	4.10	2.38	3.48	3.36	1.77	2.81	3.60	1.14	2.30	0.87	0.53
Std. Error of Mean	0.29	0.27	0.42	0.22	0.23	0.27	0.23	0.41	0.39	0.31	0.48	0.49	0.24	0.40	0.36	0.20	0.42	0.23	0.16	0.10	0.11
Lower 95% CI of mean	35.32	32.01	34.29	28.86	23.09	28.27	31.39	23.62	29.35	32.62	24.62	30.12	31.43	22.96	28.79	35.80	30.86	35.44	39.25	36.60	38.53
Upper 95% CI of mean	36.45	33.07	36.04	29.73	24.02	29.40	32.31	25.24	30.98	33.84	26.55	32.13	32.39	24.54	30.29	36.59	32.55	36.40	39.89	37.01	38.97

Survey 3: June 2024

	NMP9			NMP8			NMP5			NMP7			NMP4			NMP3			NMP2		
	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700	0700-2300	2300-0500	0500-0700
Total number of values	188	66	24	188	66	22	188	66	22	188	66	22	188	66	22	188	66	22	188	66	22
Number of excluded values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of binned values	188	66	24	188	66	22	188	66	22	188	66	22	188	66	22	188	66	22	188	66	22
Minimum	20	21	32	20	21	28	31	31	34	22	21	32	22	21	30	25	26	31	32	32	33
25% Percentile	34	25	33	29	24	29	34	32	34	33	23	33	31	24	32	34	30	33	40	36	36
Median	38	29	36	33	25	30	36	32	35	36	24	34	34	26	33	36	31	34	43	38	41
75% Percentile	43	33	36	35	27	31	38	34	36	38	25	35	37	29	34	39	33	35	45	39	45
Maximum	52	43	39	39	30	35	47	36	37	43	35	35	44	34	39	47	38	36	55	49	53
Most commonplace	37	29	36	35	24	31	36	32	34	37	24	33	31	26	32	35	31	34	45	36	41
Mean (log Average)	41	32	36	34	26	30	38	33	35	36	28	33	36	28	33	38	32	34	44	40	44
Std. Deviation	6.56	5.19	2.08	4.38	2.45	1.72	3.20	1.36	0.92	4.22	3.72	1.09	4.37	3.04	2.02	3.88	2.40	1.60	3.61	3.56	5.06
Std. Error of Mean	0.48	0.64	0.42	0.32	0.30	0.37	0.23	0.17	0.20	0.31	0.46	0.23	0.32	0.37	0.43	0.28	0.30	0.34	0.26	0.44	1.08
Lower 95% CI of mean	36.59	27.83	34.29	31.43	24.55	29.33	36.15	32.32	34.50	34.48	24.45	33.20	33.14	25.86	31.92	35.65	30.61	33.29	42.52	37.47	38.48
Upper 95% CI of mean	38.48	30.38	36.04	32.69	25.75	30.85	37.07	32.99	35.32	35.69	26.28	34.16	34.39	27.35	33.71	36.77	31.79	34.71	43.56	39.22	42.97

2.2 NMP 1: Swineshead Road

Noise Survey Results

Date: Friday 17th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (25502)

Calibration: 94dB

TABLE 141

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	49.3	52.2	38.1	66.7	Noise climate generally formed by local road traffic and industrial noise from farm
07:15	15:00	50.4	52.9	40.2	62.3	
07:30	15:00	49.8	51.1	40.9	60.8	
07:45	15:00	51.4	52.6	41.8	66.9	
08:00	15:00	50.7	53.1	42.5	65.8	
08:15	15:00	50.9	54.8	42.2	64.0	
08:30	15:00	44.5	48.3	37.2	57.4	
08:45	15:00	50.6	53.0	37.7	69.0	
09:00	15:00	60.3	51.5	37.6	78.9	
09:15	15:00	56.0	52.8	37.1	77.7	
09:30	15:00	48.7	50.0	35.8	71.5	
09:45	15:00	45.1	48.7	37.0	60.4	
10:00	15:00	43.2	47.3	35.8	58.5	
10:15	15:00	42.8	46.6	35.0	56.7	
10:30	15:00	46.0	49.7	37.8	63.6	
10:45	15:00	47.9	51.9	36.7	62.4	
11:00	15:00	42.7	45.9	36.1	60.5	
11:15	15:00	40.3	42.9	35.8	53.6	
11:30	15:00	44.8	46.9	36.7	63.3	
11:45	15:00	45.8	48.2	36.9	62.6	
12:00	15:00	44.2	47.1	36.6	62.2	
12:15	15:00	46.8	48.0	37.3	66.3	
12:30	15:00	42.2	45.7	36.9	55.0	
12:45	15:00	44.1	47.5	37.0	59.4	
13:00	15:00	42.8	46.1	37.3	54.8	
13:15	15:00	42.9	46.4	36.8	63.7	
13:30	15:00	43.6	46.5	38.1	63.8	
13:45	15:00	46.7	49.8	37.9	64.0	
14:00	15:00	48.7	49.3	39.3	71.3	
14:15	15:00	43.9	47.7	38.2	54.7	
14:30	15:00	42.8	45.9	38.5	53.2	
14:45	15:00	46.0	47.7	37.4	62.7	
Average 0700-1500		49.7	49.9	38.2	53-79	

Noise Survey Results

Date: Friday 17th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 142

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	45.9	49.1	39.3	60.1	
15:15	15:00	45.4	47.5	38.6	63.2	
15:30	15:00	49.3	49.5	38.6	70.1	
15:45	15:00	44.7	48.3	39.0	60.5	
16:00	15:00	44.0	48.0	37.9	55.4	
16:15	15:00	46.5	50.5	37.9	62.3	
16:30	15:00	45.3	49.0	38.5	56.4	
16:45	15:00	46.3	50.8	39.2	55.9	
17:00	15:00	47.6	51.0	39.0	62.4	
17:15	15:00	45.6	49.2	38.5	59.6	
17:30	15:00	44.2	48.1	38.0	58.2	
17:45	15:00	45.5	49.6	38.7	58.5	
18:00	15:00	43.8	47.3	38.2	56.0	
18:15	15:00	47.1	51.4	39.3	62.9	
18:30	15:00	47.2	51.3	39.7	58.0	
18:45	15:00	44.8	48.5	37.8	58.2	
19:00	15:00	48.0	50.6	39.0	63.5	
19:15	15:00	44.4	48.7	37.8	59.1	
19:30	15:00	51.1	48.9	38.2	76.2	
19:45	15:00	44.4	48.3	38.0	55.9	
20:00	15:00	45.5	49.5	38.5	66.1	
20:15	15:00	47.1	51.6	38.1	59.9	
20:30	15:00	45.1	48.6	38.1	63.0	
20:45	15:00	44.7	48.3	37.6	56.8	
21:00	15:00	41.8	45.4	36.1	54.2	
21:15	15:00	41.8	45.0	36.2	65.5	
21:30	15:00	39.8	44.6	34.8	51.7	
21:45	15:00	41.8	45.4	36.0	52.8	
22:00	15:00	41.2	44.7	36.3	55.4	
22:15	15:00	41.4	44.5	34.8	57.8	
22:30	15:00	40.4	44.1	36.2	53.1	
22:45	15:00	42.1	46.4	36.0	54.9	
Average 1500-2300		45.5	48.7	37.9	52-76	

Noise Survey Results

Date: Friday 17th - Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 143

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	41.1	44.7	36.6	54.7	
23:15	15:00	39.9	42.5	36.8	52.3	
23:30	15:00	37.8	38.1	36.6	48.3	
23:45	15:00	38.4	38.5	37.0	50.0	
00:00	15:00	38.9	40.2	36.5	49.8	
00:15	15:00	39.7	40.6	36.5	54.1	
00:30	15:00	37.2	38.1	36.3	42.6	
00:45	15:00	36.9	37.6	36.2	41.2	
01:00	15:00	38.0	39.8	36.1	46.7	
01:15	15:00	37.0	38.1	35.6	48.5	
01:30	15:00	38.2	39.6	36.6	51.1	
01:45	15:00	37.9	38.9	36.8	40.7	
02:00	15:00	37.0	37.7	36.4	48.5	
02:15	15:00	39.8	40.3	36.8	56.9	
02:30	15:00	37.8	38.5	37.1	41.3	
02:45	15:00	37.5	38.7	36.2	45.0	
03:00	15:00	37.9	38.9	36.6	47.7	
03:15	15:00	39.3	40.4	36.4	53.6	
03:30	15:00	37.2	38.1	36.0	45.9	
03:45	15:00	39.2	38.9	36.4	51.8	
04:00	15:00	38.3	39.6	36.8	51.6	
04:15	15:00	42.5	45.6	37.9	55.3	
04:30	15:00	42.4	45.3	38.1	54.3	
04:45	15:00	41.0	43.9	37.4	55.5	
05:00	15:00	41.7	43.9	38.2	55.1	
05:15	15:00	41.8	43.1	38.3	58.5	
05:30	15:00	41.9	43.9	37.6	58.1	
05:45	15:00	45.5	49.7	37.8	67.5	
06:00	15:00	41.3	43.0	38.6	55.8	
06:15	15:00	42.6	45.0	38.5	57.2	
06:30	15:00	45.0	47.9	38.4	62.2	
06:45	15:00	45.3	47.4	38.4	62.6	
Average 2300-0700		40.6	42.9	37.1	41-68	
Average 0700-2300		48.1	49.3	38.1	52-79	

Noise Survey Results

Date: Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 144

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	45.8	50.0	39.0	58.6	
07:15	15:00	43.2	46.6	39.2	55.0	
07:30	15:00	46.0	49.9	39.7	60.4	
07:45	15:00	47.3	51.5	39.6	61.0	
08:00	15:00	47.6	51.2	40.1	62.7	
08:15	15:00	46.8	51.2	39.0	59.2	
08:30	15:00	49.0	52.0	39.5	71.9	
08:45	15:00	47.9	52.1	39.6	58.7	
09:00	15:00	46.8	51.0	39.2	57.8	
09:15	15:00	46.4	50.3	39.7	58.6	
09:30	15:00	46.7	50.8	39.5	57.6	
09:45	15:00	46.4	50.4	39.3	59.6	
10:00	15:00	48.3	51.8	40.3	63.6	
10:15	15:00	48.9	51.9	40.6	70.5	
10:30	15:00	51.9	54.5	40.0	73.8	
10:45	15:00	47.3	51.3	39.8	58.6	
11:00	15:00	49.6	53.2	40.1	64.8	
11:15	15:00	52.7	55.6	43.8	68.6	
11:30	15:00	53.9	54.7	41.5	77.1	
11:45	15:00	51.7	55.2	40.8	68.3	
12:00	15:00	52.8	56.0	43.5	69.9	
12:15	15:00	50.1	53.8	42.1	65.2	
12:30	15:00	47.2	51.2	40.1	57.9	
12:45	15:00	47.9	51.9	40.5	58.1	
13:00	15:00	47.7	50.9	39.5	69.0	
13:15	15:00	48.2	52.2	39.2	59.5	
13:30	15:00	46.9	50.8	39.6	57.5	
13:45	15:00	45.9	49.6	39.2	61.8	
14:00	15:00	46.3	49.5	39.2	62.0	
14:15	15:00	50.4	50.6	39.3	69.6	
14:30	15:00	46.9	50.2	39.8	59.6	
14:45	15:00	44.6	48.0	39.0	56.0	
Average 0700-1500		48.8	52.0	40.2	55-77	

Noise Survey Results

Date: Saturday 18th May 2024

TABLE 145

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	46.1	49.4	40.2	57.7	
15:15	15:00	45.0	48.4	39.3	58.1	
15:30	15:00	46.0	49.2	40.5	59.5	
15:45	15:00	46.7	50.2	40.8	57.1	
16:00	15:00	46.7	50.0	40.2	59.1	
16:15	15:00	45.8	49.4	40.7	55.5	
16:30	15:00	49.1	50.0	40.8	66.9	
16:45	15:00	49.5	51.7	40.6	72.0	
17:00	15:00	46.4	50.0	40.4	60.5	
17:15	15:00	47.5	51.1	41.0	60.0	
17:30	15:00	47.4	50.5	40.9	60.4	
17:45	15:00	50.0	53.5	42.3	58.4	
18:00	15:00	48.1	52.0	39.8	58.4	
18:15	15:00	48.1	52.0	40.0	59.7	
18:30	15:00	48.1	52.3	41.4	64.3	
18:45	15:00	48.2	50.1	41.9	68.0	
19:00	15:00	46.9	50.7	40.9	60.0	
19:15	15:00	46.3	49.4	41.7	57.1	
19:30	15:00	46.8	50.2	41.4	65.5	
19:45	15:00	46.6	49.9	37.7	62.2	
20:00	15:00	47.9	52.2	37.6	63.9	
20:15	15:00	45.1	49.6	37.5	61.0	
20:30	15:00	44.5	48.5	37.0	58.2	
20:45	15:00	44.5	49.1	37.4	56.9	
21:00	15:00	46.5	50.5	37.6	64.0	
21:15	15:00	47.1	50.9	37.2	63.7	
21:30	15:00	43.3	47.6	37.0	56.1	
21:45	15:00	43.3	47.4	36.3	56.6	
22:00	15:00	39.2	40.8	37.1	53.4	
22:15	15:00	42.9	46.6	37.1	57.5	
22:30	15:00	43.4	48.1	37.9	55.2	
22:45	15:00	41.0	43.2	36.1	58.6	
Average 1500-2300		46.6	50.0	39.7	53-72	

Noise Survey Results

Date: Saturday 18th - Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 146

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
23:00	15:00	39.0	38.8	36.6	55.0	
23:15	15:00	39.7	41.8	36.6	55.3	
23:30	15:00	39.8	41.7	36.5	52.7	
23:45	15:00	39.7	39.7	36.9	55.6	
00:00	15:00	41.0	44.5	36.2	54.7	
00:15	15:00	38.6	39.2	35.5	53.1	
00:30	15:00	39.5	42.3	35.2	53.2	
00:45	15:00	43.3	46.4	36.4	57.5	
01:00	15:00	44.0	48.9	36.0	56.5	
01:15	15:00	42.3	45.0	36.9	56.7	
01:30	15:00	39.0	38.6	36.8	54.6	
01:45	15:00	38.0	38.4	36.7	49.1	
02:00	15:00	37.7	38.3	36.2	48.1	
02:15	15:00	36.4	37.2	35.7	38.5	
02:30	15:00	36.4	37.4	35.4	41.7	
02:45	15:00	38.4	38.8	36.6	50.8	
03:00	15:00	37.7	38.6	36.7	43.2	
03:15	15:00	37.6	38.5	36.5	47.5	
03:30	15:00	37.8	38.7	36.8	43.8	
03:45	15:00	38.1	39.5	36.8	46.0	
04:00	15:00	38.7	40.0	37.3	45.7	
04:15	15:00	41.7	44.6	38.0	56.1	
04:30	15:00	43.6	46.8	39.1	56.3	
04:45	15:00	48.0	47.7	39.0	73.3	
05:00	15:00	44.0	45.1	38.8	60.6	
05:15	15:00	43.2	45.8	39.4	56.6	
05:30	15:00	43.6	45.8	39.5	56.8	
05:45	15:00	43.4	45.8	38.9	57.7	
06:00	15:00	42.3	44.9	39.4	52.2	
06:15	15:00	44.0	47.5	38.9	58.3	
06:30	15:00	41.9	44.0	39.1	53.7	
06:45	15:00	54.7	49.6	38.7	82.3	
Average 2300-0700		43.6	44.0	37.4	39-82	
Average 0700-2300		47.8	51.1	39.9	53-77	

Noise Survey Results

Date: Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 147

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	52.4	48.0	39.1	76.3	
07:15	15:00	45.0	48.3	39.9	59.0	
07:30	15:00	45.0	48.4	40.0	58.6	
07:45	15:00	44.2	45.7	39.6	64.9	
08:00	15:00	44.1	46.3	39.1	59.1	
08:15	15:00	45.2	48.3	39.4	59.2	
08:30	15:00	47.0	50.6	40.1	60.7	
08:45	15:00	47.6	51.4	39.2	61.3	
09:00	15:00	47.3	51.0	40.3	62.8	
09:15	15:00	47.8	51.5	40.1	63.4	
09:30	15:00	47.4	50.8	40.7	60.6	
09:45	15:00	45.6	48.7	40.3	59.7	
10:00	15:00	46.9	50.5	39.4	61.9	
10:15	15:00	46.5	49.8	40.8	60.1	
10:30	15:00	45.4	48.8	40.7	58.8	
10:45	15:00	52.2	52.3	41.6	75.3	
11:00	15:00	47.4	50.6	41.0	65.1	
11:15	15:00	46.3	49.8	40.5	62.2	
11:30	15:00	47.4	50.8	41.1	65.3	
11:45	15:00	47.5	50.7	42.0	60.9	
12:00	15:00	49.3	53.2	41.8	64.1	
12:15	15:00	50.1	52.5	42.1	68.5	
12:30	15:00	53.5	53.1	42.3	77.6	
12:45	15:00	49.8	51.5	41.5	70.4	
13:00	15:00	50.5	54.2	43.0	62.6	
13:15	15:00	47.7	51.0	42.0	59.8	
13:30	15:00	51.5	53.2	42.1	71.0	
13:45	15:00	50.0	52.7	42.5	70.1	
14:00	15:00	52.4	54.7	42.9	79.6	
14:15	15:00	49.0	52.6	42.4	61.4	
14:30	15:00	51.3	54.7	42.4	76.5	
14:45	15:00	50.4	53.9	43.0	66.3	
Average 0700-1500		49.0	51.4	41.1	59-80	

Noise Survey Results

Date: Sunday 19th May 2024

TABLE 148

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	49.4	52.7	43.0	66.7	
15:15	15:00	51.6	54.8	44.4	67.7	
15:30	15:00	52.2	54.9	47.7	61.9	
15:45	15:00	51.1	54.3	46.4	63.2	
16:00	15:00	52.9	55.7	46.8	67.9	
16:15	15:00	50.1	52.6	44.0	66.2	
16:30	15:00	49.6	53.0	43.6	60.0	
16:45	15:00	47.5	50.3	42.9	62.4	
17:00	15:00	48.4	51.7	43.0	59.5	
17:15	15:00	50.0	53.5	42.4	64.5	
17:30	15:00	49.7	53.5	42.1	64.8	
17:45	15:00	47.7	50.0	41.8	64.1	
18:00	15:00	46.4	49.8	40.3	61.3	
18:15	15:00	48.3	52.5	40.6	62.4	
18:30	15:00	48.1	51.6	40.9	62.2	
18:45	15:00	50.2	51.2	40.7	72.0	
19:00	15:00	47.9	52.0	40.3	62.1	
19:15	15:00	48.2	51.3	40.1	69.0	
19:30	15:00	46.1	49.2	39.3	59.8	
19:45	15:00	44.8	48.6	38.8	58.5	
20:00	15:00	45.9	49.4	38.9	62.3	
20:15	15:00	44.1	46.4	38.2	65.4	
20:30	15:00	44.2	47.2	38.3	59.0	
20:45	15:00	43.7	47.5	37.9	56.4	
21:00	15:00	42.7	45.5	37.3	57.4	
21:15	15:00	40.1	41.0	36.6	53.5	
21:30	15:00	41.3	44.1	36.9	55.6	
21:45	15:00	39.8	41.1	36.3	57.0	
22:00	15:00	41.1	39.9	36.8	58.0	
22:15	15:00	41.7	44.1	37.3	58.2	
22:30	15:00	42.8	44.3	38.1	62.0	
22:45	15:00	42.1	44.8	38.8	50.9	
Average 1500-2300		47.9	51.0	41.8	51-72	

Noise Survey Results

Date: Sunday 19th - Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 149

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	40.7	43.0	38.2	51.2	
23:15	15:00	39.6	40.1	36.9	56.0	
23:30	15:00	38.4	39.0	36.1	53.5	
23:45	15:00	37.3	38.3	36.2	40.5	
00:00	15:00	39.4	39.5	36.5	54.9	
00:15	15:00	39.0	40.9	36.8	47.8	
00:30	15:00	38.0	39.1	36.7	47.6	
00:45	15:00	40.1	41.5	37.2	55.9	
01:00	15:00	39.8	42.0	37.1	49.4	
01:15	15:00	38.3	40.0	36.4	50.7	
01:30	15:00	38.0	39.1	36.1	51.0	
01:45	15:00	37.6	39.0	36.1	44.1	
02:00	15:00	38.1	38.8	36.2	52.0	
02:15	15:00	39.6	40.2	36.5	56.3	
02:30	15:00	37.7	39.2	36.2	43.8	
02:45	15:00	38.0	39.5	36.3	46.5	
03:00	15:00	38.2	39.7	36.4	46.5	
03:15	15:00	40.1	40.4	36.6	58.0	
03:30	15:00	38.3	39.8	36.7	45.5	
03:45	15:00	38.8	39.8	36.8	51.4	
04:00	15:00	39.4	38.9	36.8	56.9	
04:15	15:00	44.5	46.9	39.1	59.7	
04:30	15:00	44.6	47.4	39.2	59.0	
04:45	15:00	43.2	45.8	38.7	57.5	
05:00	15:00	44.0	46.8	38.5	57.6	
05:15	15:00	44.6	47.4	38.8	60.0	
05:30	15:00	45.2	47.6	38.8	62.3	
05:45	15:00	45.4	48.9	39.2	58.6	
06:00	15:00	47.0	51.2	38.6	62.2	
06:15	15:00	46.9	50.3	38.9	66.5	
06:30	15:00	46.5	50.9	38.4	59.9	
06:45	15:00	48.2	52.3	38.8	61.2	
Average 2300-0700		42.5	45.4	37.5	41-67	
Average 0700-2300		48.5	51.2	41.5	51-80	

Noise Survey Results

Date: Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 150

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP1 - Swineshead Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

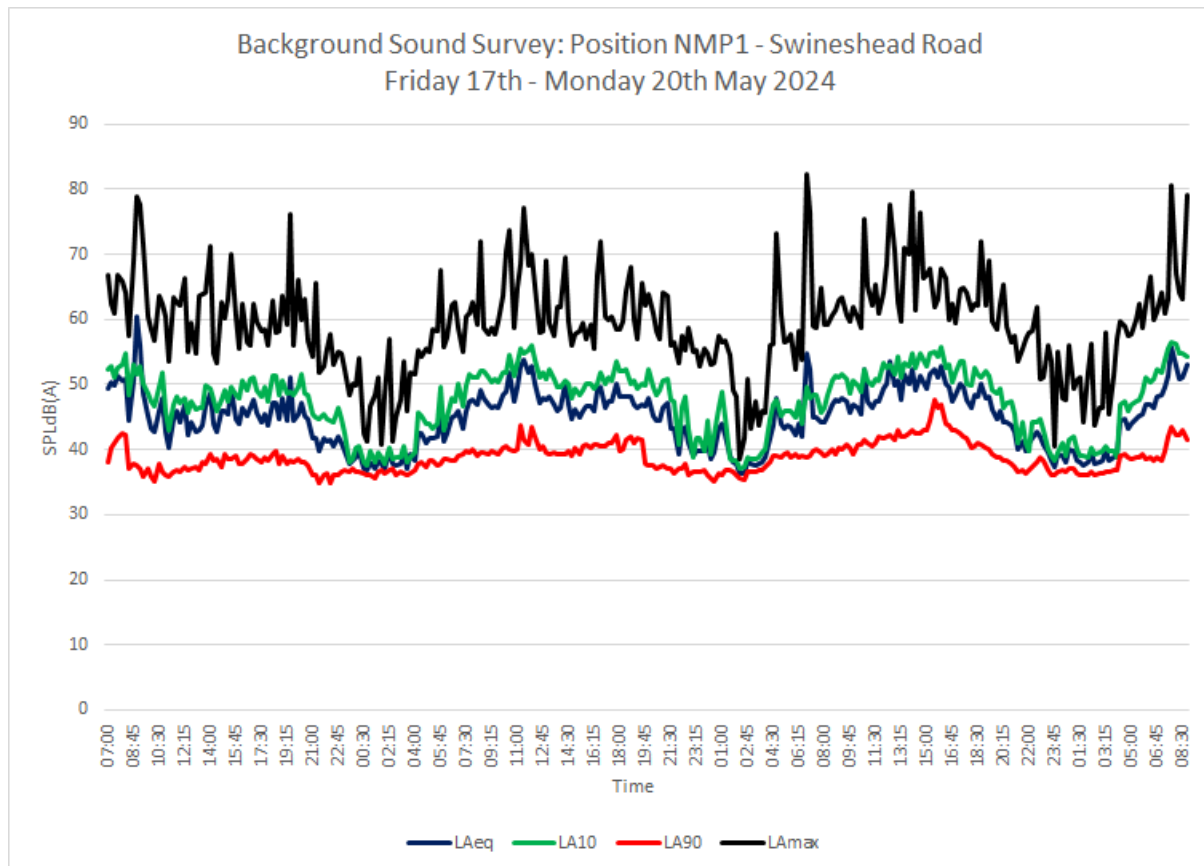
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	48.4	51.7	38.4	64.1	
07:15	15:00	49.6	53.8	39.8	60.9	
07:30	15:00	51.3	55.4	42.1	63.0	
07:45	15:00	55.7	56.6	43.5	80.5	
08:00	15:00	52.7	56.2	42.3	67.0	
08:15	15:00	50.9	54.8	42.2	64.0	
08:30	15:00	51.0	54.7	42.9	63.0	
08:45	15:00	53.0	54.3	41.5	79.1	
Average 0700-0900		52.1	54.9	41.8	61-81	

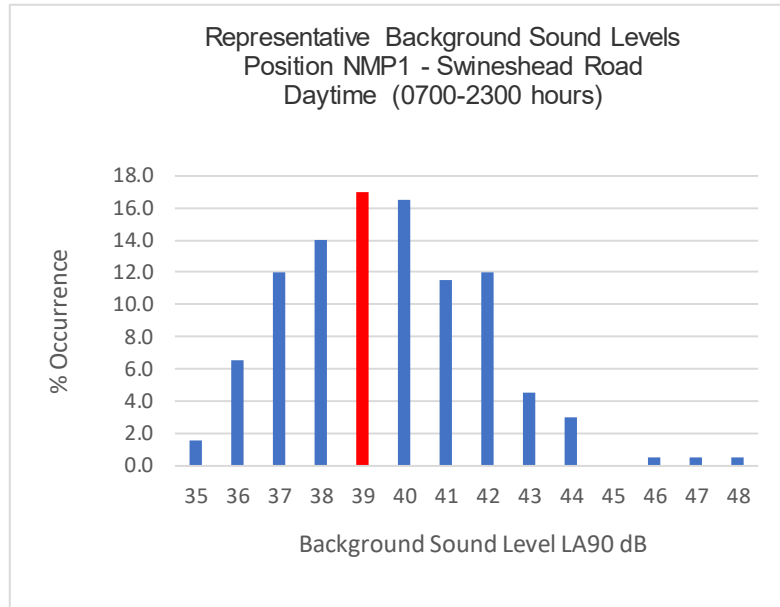
Overall Average	42.4	44.2	37.3	39-82	
Overall Average	48.4	50.9	40.1	51-81	

Average 0500-0700	45.9	47.8	38.7	52-82
--------------------------	-------------	-------------	-------------	--------------

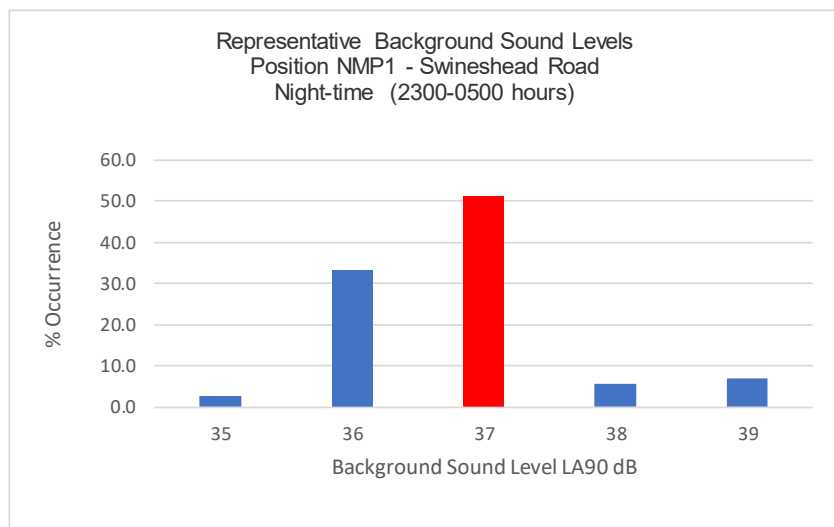
Average 2300-0500	38.9	40.7	36.8	39-73
--------------------------	-------------	-------------	-------------	--------------



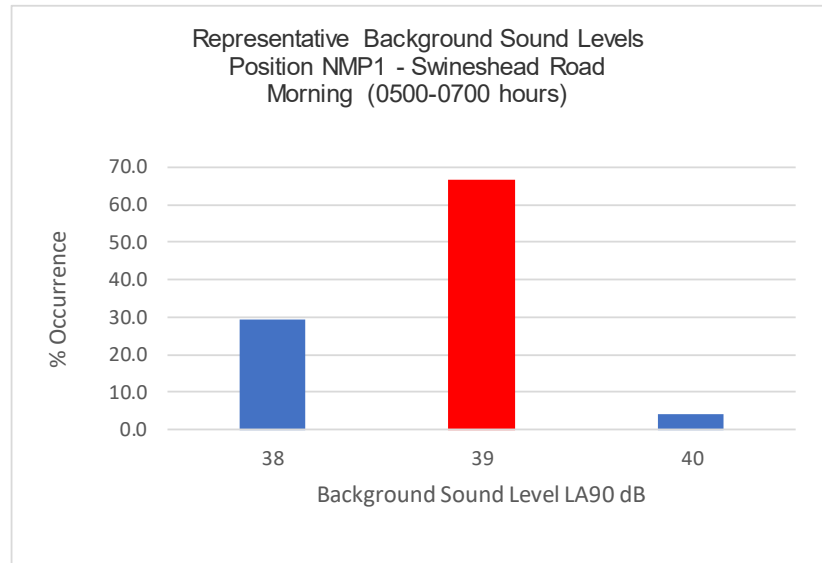
LA90	% Occurrence
35	1.5
36	6.5
37	12.0
38	14.0
39	17.0
40	16.5
41	11.5
42	12.0
43	4.5
44	3.0
45	0
46	0.5
47	0.5
48	0.5



LA90	% Occurrence
35	2.8
36	33.3
37	51.4
38	5.6
39	6.9



LA90	% Occurrence
38	29.2
39	66.7
40	4.2



2.3 NMP 2: Off Swineshead Road

Noise Survey Results

Date: Friday 7th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP2 - Off Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

TABLE 205

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	51.6	55.2	41.3	65.1	Occasional road traffic, birdsong & distant dog barking generally forms the noise climate
07:15	15:00	52.5	54.6	40.1	69.3	
07:30	15:00	51.6	52.2	39.2	64.6	
07:45	15:00	53.5	57.4	40.3	65.8	
08:00	15:00	53.9	56.4	41.6	70.1	
08:15	15:00	52.2	53.6	42.5	68.6	
08:30	15:00	52.7	55.8	44.3	69.4	
08:45	15:00	53.3	54.9	44.9	71.4	
09:00	15:00	52.8	53.9	42.7	70.1	Rain
09:15	15:00	54.4	57.2	47.7	72.0	Rain
09:30	15:00	54.7	57.9	45.3	67.9	
09:45	15:00	53.9	56.8	42.7	70.5	
10:00	15:00	53.3	55.8	43.1	70.6	
10:15	15:00	50.1	51.4	41.2	71.3	
10:30	15:00	52.1	53.3	42.5	69.3	Rain
10:45	15:00	53.6	56.0	45.4	69.8	Rain
11:00	15:00	53.9	57.8	45.2	71.0	
11:15	15:00	50.5	54.3	43.2	67.9	
11:30	15:00	51.5	53.9	38.6	72.0	
11:45	15:00	54.9	46.1	32.2	73.3	
12:00	15:00	51.7	48.5	32.8	69.0	
12:15	15:00	53.1	54.4	40.2	71.5	
12:30	15:00	53.3	56.9	45.2	72.3	
12:45	15:00	52.5	56.6	45.1	69.8	
13:00	15:00	50.2	54.0	42.4	66.9	
13:15	15:00	52.5	56.2	44.3	70.3	
13:30	15:00	53.5	57.5	42.3	74.4	
13:45	15:00	51.3	54.5	44.7	68.6	
14:00	15:00	50.7	53.3	46.2	67.0	
14:15	15:00	53.9	56.0	45.8	72.4	
14:30	15:00	52.9	55.3	44.0	71.2	
14:45	15:00	52.6	55.5	45.0	69.8	
Average 0700-1500		52.7	55.3	43.2	65-74	Excluding Rain

Noise Survey Results

Date: Friday 7th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP2 - Off Swineshead Road**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 206

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	52.8	54.0	43.3	71.5	
15:15	15:00	54.4	57.9	49.1	74.0	
15:30	15:00	54.6	58.0	47.5	70.7	
15:45	15:00	53.0	56.3	47.5	70.6	
16:00	15:00	54.6	58.1	48.5	71.3	
16:15	15:00	60.1	63.0	54.6	89.4	
16:30	15:00	55.2	58.3	46.4	69.1	
16:45	15:00	54.6	55.2	45.2	70.1	
17:00	15:00	54.1	57.9	48.4	72.5	
17:15	15:00	54.3	57.4	50.0	71.4	
17:30	15:00	54.1	55.8	45.5	70.1	
17:45	15:00	51.1	54.3	44.5	72.6	
18:00	15:00	53.9	56.0	47.1	73.1	
18:15	15:00	51.3	51.5	40.6	69.7	
18:30	15:00	52.7	56.3	47.0	77.8	
18:45	15:00	50.8	54.8	44.7	72.4	
19:00	15:00	49.1	53.1	40.5	68.5	
19:15	15:00	48.0	51.7	41.2	70.1	
19:30	15:00	48.3	52.8	41.2	68.5	
19:45	15:00	49.0	52.4	40.4	70.1	
20:00	15:00	46.7	50.3	40.2	69.1	
20:15	15:00	44.5	48.4	39.6	66.3	
20:30	15:00	44.3	48.4	39.2	66.3	
20:45	15:00	47.3	50.8	39.7	69.2	
21:00	15:00	41.5	45.8	38.3	66.0	
21:15	15:00	45.0	49.1	37.6	67.6	
21:30	15:00	43.4	47.1	37.8	66.7	
21:45	15:00	45.2	47.8	38.2	67.6	
22:00	15:00	47.7	52.0	38.5	69.0	
22:15	15:00	44.4	42.2	39.2	68.7	
22:30	15:00	50.8	54.7	41.5	75.5	
22:45	15:00	38.8	42.8	35.7	61.9	
Average 1500-2300		52.1	55.1	45.6	62-89	

Noise Survey Results

Date: Friday 7th - Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 207

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP2 - Off Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
23:00	15:00	45.8	50.3	38.9	68.9	
23:15	15:00	47.4	50.9	40.3	73.7	
23:30	15:00	41.1	44.7	38.7	65.0	
23:45	15:00	42.8	46.4	37.1	67.7	
00:00	15:00	44.7	47.9	37.8	71.0	
00:15	15:00	49.5	54.3	38.2	72.5	
00:30	15:00	47.9	48.5	38.2	68.1	
00:45	15:00	42.2	39.2	36.8	45.0	
01:00	15:00	38.9	40.1	35.8	44.1	
01:15	15:00	39.2	40.2	34.5	47.0	
01:30	15:00	37.9	40.2	34.5	54.7	
01:45	15:00	39.8	40.5	36.5	55.0	
02:00	15:00	42.3	41.2	38.7	52.0	
02:15	15:00	49.6	42.3	36.5	74.2	
02:30	15:00	47.1	43.5	38.6	74.5	
02:45	15:00	40.3	41.1	37.5	54.5	
03:00	15:00	39.8	40.2	36.6	46.0	
03:15	15:00	40.4	40.5	36.0	72.8	
03:30	15:00	39.0	41.0	35.6	48.7	
03:45	15:00	38.2	40.1	36.2	47.7	
04:00	15:00	37.5	40.5	35.2	49.0	
04:15	15:00	43.9	41.2	37.8	69.9	
04:30	15:00	46.6	43.3	38.9	74.2	
04:45	15:00	45.6	42.9	36.4	70.4	
05:00	15:00	45.7	40.3	34.6	72.6	
05:15	15:00	42.8	44.0	39.2	65.1	
05:30	15:00	48.1	41.0	34.7	74.7	
05:45	15:00	47.8	45.2	33.3	73.3	
06:00	15:00	49.8	43.1	38.7	71.5	
06:15	15:00	53.0	47.3	40.8	70.9	
06:30	15:00	53.0	43.5	40.2	71.2	
06:45	15:00	53.8	41.9	38.8	71.8	
Average 2300-0700		46.9	45.4	37.6	44-75	
Average 0700-2300		52.4	55.2	44.6	62-89	

Noise Survey Results

Date: Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 208

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP2 - Off Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	55.6	47.5	40.7	72.8	
07:15	15:00	55.5	48.2	44.2	69.3	
07:30	15:00	57.0	52.2	45.9	72.0	
07:45	15:00	55.0	49.1	41.4	69.3	
08:00	15:00	57.1	53.0	45.5	72.0	
08:15	15:00	56.5	50.8	43.0	72.8	
08:30	15:00	54.7	48.7	39.2	70.6	
08:45	15:00	54.7	50.0	41.7	70.9	
09:00	15:00	58.2	56.9	49.3	72.3	
09:15	15:00	53.9	49.8	43.1	70.5	
09:30	15:00	57.8	56.4	49.2	69.8	
09:45	15:00	56.6	54.6	47.5	68.9	
10:00	15:00	58.6	57.7	49.7	72.4	
10:15	15:00	55.9	53.5	45.2	68.6	
10:30	15:00	57.9	55.7	43.8	71.0	
10:45	15:00	57.1	57.6	50.1	70.1	
11:00	15:00	58.3	58.7	49.2	69.9	
11:15	15:00	58.5	58.6	49.7	69.5	
11:30	15:00	57.6	53.9	41.5	71.6	
11:45	15:00	56.8	54.3	43.4	70.4	
12:00	15:00	56.5	54.2	44.9	69.5	
12:15	15:00	58.0	55.3	47.3	73.4	
12:30	15:00	56.1	54.6	47.5	70.4	
12:45	15:00	55.0	53.0	45.6	68.1	
13:00	15:00	60.7	58.1	49.9	81.0	
13:15	15:00	55.4	51.5	42.5	68.9	
13:30	15:00	54.8	51.4	44.1	69.5	
13:45	15:00	57.4	53.2	46.5	72.0	
14:00	15:00	57.4	56.6	46.5	70.6	
14:15	15:00	62.2	56.1	45.0	83.6	
14:30	15:00	58.2	56.9	42.5	71.2	
14:45	15:00	60.8	56.3	41.4	79.9	
Average 0700-1500		57.4	54.9	46.2	68-84	

Noise Survey Results

Date: Saturday 8th June 2024

TABLE 209

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP2 - Off Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	58.4	58.1	42.3	77.3	
15:15	15:00	55.7	51.5	45.8	68.2	
15:30	15:00	55.4	50.0	44.5	72.2	
15:45	15:00	55.3	51.4	45.5	69.8	
16:00	15:00	57.6	52.0	45.5	75.7	
16:15	15:00	57.1	54.2	49.1	72.7	
16:30	15:00	54.3	50.3	42.0	67.5	
16:45	15:00	58.0	57.1	48.2	70.3	
17:00	15:00	53.9	53.2	47.2	66.8	
17:15	15:00	55.1	52.2	45.7	67.2	
17:30	15:00	57.0	50.8	44.3	76.5	
17:45	15:00	56.2	52.3	44.6	69.7	
18:00	15:00	57.1	56.4	48.1	69.7	
18:15	15:00	57.0	53.4	45.3	73.2	
18:30	15:00	56.4	52.6	45.9	69.9	
18:45	15:00	55.0	49.9	43.6	69.9	
19:00	15:00	55.6	48.5	42.5	71.3	
19:15	15:00	54.3	49.1	44.5	68.7	
19:30	15:00	52.0	43.8	38.4	70.7	
19:45	15:00	52.9	47.3	38.4	68.7	
20:00	15:00	51.6	48.1	37.8	67.6	
20:15	15:00	64.1	55.3	47.7	85.0	
20:30	15:00	55.2	51.9	44.4	69.4	
20:45	15:00	52.5	47.7	40.6	67.8	
21:00	15:00	43.4	44.6	41.1	62.3	
21:15	15:00	52.3	47.6	40.6	75.8	
21:30	15:00	49.5	48.0	41.1	72.0	
21:45	15:00	53.7	49.5	40.4	76.3	
22:00	15:00	50.8	48.8	40.5	75.9	
22:15	15:00	50.3	49.8	40.3	75.7	
22:30	15:00	57.1	46.7	42.2	86.4	
22:45	15:00	51.5	44.5	40.1	75.7	
Average 1500-2300		55.9	51.9	44.4	62-86	

Noise Survey Results

Date: Saturday 8th - Sunday 9th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP2 - Off Swineshead Road**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 210

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	45.8	45.6	43.4	68.8	
23:15	15:00	36.9	39.0	33.8	48.3	
23:30	15:00	51.9	53.8	48.6	75.8	
23:45	15:00	48.7	48.7	45.9	76.0	
00:00	15:00	52.5	56.0	47.7	77.7	
00:15	15:00	43.2	43.8	40.1	69.6	
00:30	15:00	48.7	51.5	44.4	75.7	
00:45	15:00	46.1	49.2	39.2	73.0	
01:00	15:00	44.6	49.5	36.6	70.8	
01:15	15:00	37.0	39.7	31.6	45.5	
01:30	15:00	48.9	48.5	46.7	76.1	
01:45	15:00	37.8	38.2	36.5	52.4	
02:00	15:00	36.9	37.5	35.4	48.9	
02:15	15:00	48.9	49.7	48.2	76.8	
02:30	15:00	36.9	37.9	35.9	43.7	
02:45	15:00	36.9	37.3	35.1	45.6	
03:00	15:00	36.9	37.8	35.9	48.9	
03:15	15:00	36.9	37.8	35.8	49.0	
03:30	15:00	36.9	37.8	35.9	43.8	
03:45	15:00	37.3	38.7	36.0	51.0	
04:00	15:00	37.4	38.7	36.0	46.5	
04:15	15:00	47.1	50.0	43.4	74.9	
04:30	15:00	50.8	54.0	46.3	78.7	
04:45	15:00	41.0	40.7	32.0	60.1	
05:00	15:00	50.2	51.3	45.0	76.5	
05:15	15:00	40.0	42.6	36.2	61.3	
05:30	15:00	49.0	51.2	44.9	76.3	
05:45	15:00	38.1	40.5	33.6	52.7	
06:00	15:00	39.0	41.6	36.1	52.8	
06:15	15:00	54.3	57.8	49.2	72.7	
06:30	15:00	56.0	58.1	53.2	74.7	
06:45	15:00	55.5	50.4	39.5	71.9	
Average 2300-0700		48.4	50.2	44.1	44-79	
Average 0700-2300		56.7	53.6	45.4	62-86	

Noise Survey Results

Date: Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 211

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP2 - Off Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	51.3	44.2	39.2	68.7	
07:15	15:00	53.0	46.4	38.0	68.8	
07:30	15:00	51.6	44.6	38.6	68.0	
07:45	15:00	54.5	48.2	42.1	68.5	
08:00	15:00	57.4	52.2	45.0	73.7	
08:15	15:00	56.2	50.5	41.6	71.6	
08:30	15:00	57.5	52.9	42.4	76.8	
08:45	15:00	53.0	49.7	37.5	69.6	
09:00	15:00	55.7	52.6	41.9	72.8	
09:15	15:00	61.6	56.0	44.6	78.9	
09:30	15:00	57.7	57.2	47.1	70.2	
09:45	15:00	54.7	51.3	42.9	69.2	
10:00	15:00	56.7	54.8	43.7	67.5	
10:15	15:00	55.4	53.1	44.1	67.7	
10:30	15:00	56.3	54.6	46.5	67.3	
10:45	15:00	55.1	52.8	42.1	67.1	
11:00	15:00	54.9	50.4	40.8	70.2	
11:15	15:00	56.3	53.2	43.9	68.1	
11:30	15:00	58.3	56.8	47.1	73.1	
11:45	15:00	56.9	54.1	45.4	71.2	
12:00	15:00	56.8	55.6	44.2	69.2	
12:15	15:00	58.7	55.7	45.3	73.0	
12:30	15:00	54.9	49.6	38.8	68.8	
12:45	15:00	55.4	53.5	43.5	67.9	
13:00	15:00	56.5	54.3	43.1	71.0	
13:15	15:00	58.1	54.4	45.4	72.8	
13:30	15:00	57.9	55.4	44.3	70.0	
13:45	15:00	57.1	54.7	44.5	69.5	
14:00	15:00	58.4	55.9	44.1	71.2	
14:15	15:00	58.1	57.6	47.4	70.6	
14:30	15:00	58.1	56.6	44.3	75.7	
14:45	15:00	57.7	52.1	41.2	74.4	
Average 0700-1500		56.8	53.8	43.8	67-79	

Noise Survey Results

Date: Sunday 9th June 2024

TABLE 212

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP2 - Off Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
15:00	15:00	57.4	55.8	46.1	70.0	
15:15	15:00	55.2	50.1	39.7	67.8	
15:30	15:00	61.7	51.4	44.2	84.1	
15:45	15:00	55.8	51.5	43.6	70.6	
16:00	15:00	56.9	52.7	43.8	70.7	
16:15	15:00	55.9	54.1	45.5	70.0	
16:30	15:00	54.7	50.3	40.9	70.0	
16:45	15:00	54.5	50.1	42.7	67.7	
17:00	15:00	56.7	55.5	46.8	68.9	
17:15	15:00	56.5	53.5	42.4	70.5	
17:30	15:00	56.8	57.0	45.6	68.5	
17:45	15:00	52.1	46.2	38.0	66.0	
18:00	15:00	56.5	51.8	42.3	69.9	
18:15	15:00	55.1	51.4	39.5	69.1	
18:30	15:00	56.6	50.0	39.3	74.7	
18:45	15:00	54.6	47.0	36.5	72.6	
19:00	15:00	54.5	45.4	37.7	72.6	
19:15	15:00	55.4	48.4	37.2	73.8	
19:30	15:00	54.3	47.9	38.0	70.7	
19:45	15:00	53.6	48.9	39.1	67.3	
20:00	15:00	55.1	55.1	44.6	72.6	
20:15	15:00	51.2	49.1	40.9	67.4	
20:30	15:00	51.2	50.1	41.2	67.5	
20:45	15:00	53.1	46.4	40.1	67.8	
21:00	15:00	48.6	40.0	39.7	71.1	
21:15	15:00	51.2	42.6	38.2	76.7	
21:30	15:00	53.3	45.7	38.5	74.8	
21:45	15:00	51.3	43.4	38.6	74.4	
22:00	15:00	51.5	42.9	39.8	75.2	
22:15	15:00	47.9	43.4	37.8	72.1	
22:30	15:00	52.1	40.9	37.1	77.9	
22:45	15:00	40.5	43.2	37.2	55.7	
Average 1500-2300		54.9	50.8	41.7	56-84	

Noise Survey Results

Date: Sunday 9th - Monday 10th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 213

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP2 - Off Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

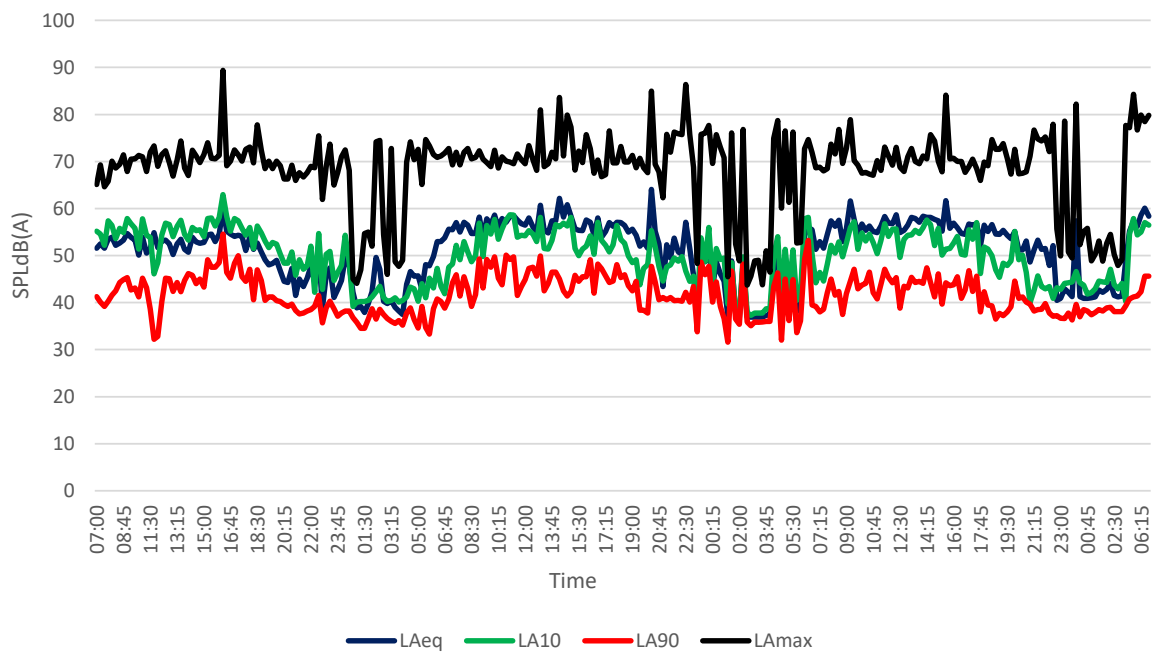
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	40.9	42.8	36.7	49.9	
23:15	15:00	42.9	44.1	36.6	78.6	
23:30	15:00	42.2	44.2	37.8	50.8	
23:45	15:00	41.3	44.4	36.3	49.5	
00:00	15:00	57.4	46.6	39.6	82.2	
00:15	15:00	41.3	44.2	37.0	52.3	
00:30	15:00	40.9	43.7	38.5	55.1	
00:45	15:00	40.9	41.8	38.2	55.8	
01:00	15:00	41.0	42.1	37.4	48.9	
01:15	15:00	41.2	42.9	37.9	50.3	
01:30	15:00	42.7	44.6	38.5	53.1	
01:45	15:00	42.2	44.4	38.2	48.8	
02:00	15:00	42.8	44.3	38.9	52.6	
02:15	15:00	44.1	47.1	39.0	54.5	
02:30	15:00	41.5	43.8	38.1	50.2	
02:45	15:00	41.2	42.9	38.1	47.9	
03:00	15:00	41.4	44.1	38.1	49.2	
03:15	15:00	49.0	40.2	39.3	77.7	
03:30	15:00	49.2	42.5	38.1	76.7	Rain
03:45	15:00	41.5	43.8	38.7	57.0	Rain
04:00	15:00	46.1	43.4	40.1	72.6	Rain
04:15	15:00	56.8	43.1	40.2	83.2	Rain
04:30	15:00	51.3	46.0	39.7	76.3	Rain
04:45	15:00	39.4	40.3	36.7	57.6	Rain
05:00	15:00	50.2	53.1	39.6	73.7	Rain
05:15	15:00	55.0	57.1	40.3	79.6	Rain
05:30	15:00	55.2	54.6	40.8	77.2	
05:45	15:00	57.4	57.9	41.2	84.3	
06:00	15:00	56.2	54.4	41.4	76.7	
06:15	15:00	58.6	55.0	42.3	79.9	
06:30	15:00	60.1	57.0	45.6	78.5	
06:45	15:00	58.4	56.5	45.6	79.8	
Average 2300-0700		52.5	50.6	39.9	48-84	Excluding Rain
Average 0700-2300		55.9	52.6	42.9	56-84	

Overall Average	49.8	49.2	41.5	44-84	Excluding Rain
Overall Average	55.4	53.9	44.4	56-89	Excluding Rain

Average 0500-0700	54.2	52.9	44	53-84
--------------------------	-------------	-------------	-----------	--------------

Average 2300-0500	45.8	46.6	40.3	44-82
--------------------------	-------------	-------------	-------------	--------------

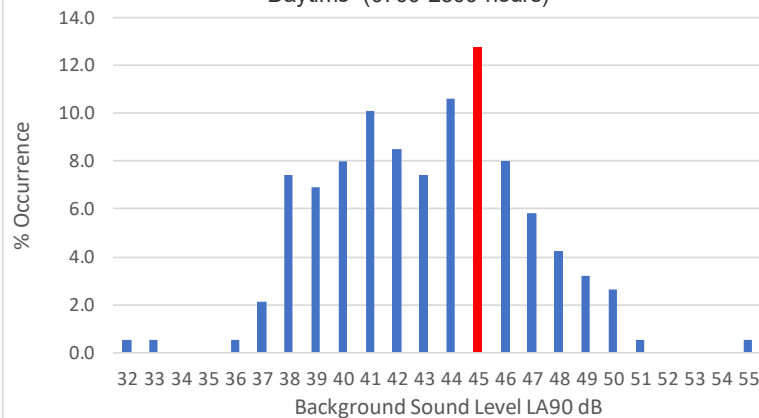
Background Sound Survey: Position NMP2 - Off Swineshead Road
Friday 7th - Monday 10th Jne 2024



LA90 % Occurrence

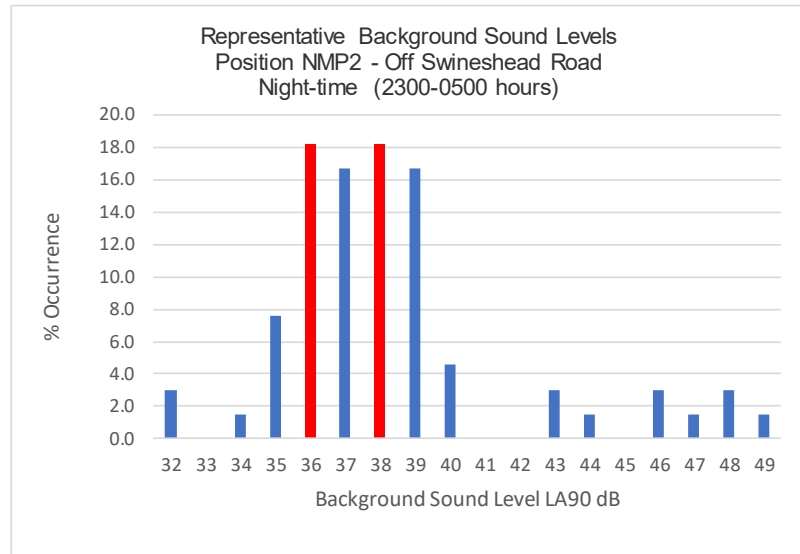
32	0.5
33	0.5
34	0.0
35	0.0
36	0.5
37	2.1
38	7.4
39	6.9
40	8.0
41	10.1
42	8.5
43	7.4
44	10.6
45	12.8
46	8.0
47	5.9
48	4.3
49	3.2
50	2.7
51	0.5
52	0.0
53	0.0
54	0.0
55	0.5

Representative Background Sound Levels
Position NMP2 - Off Swineshead Road
Daytime (0700-2300 hours)

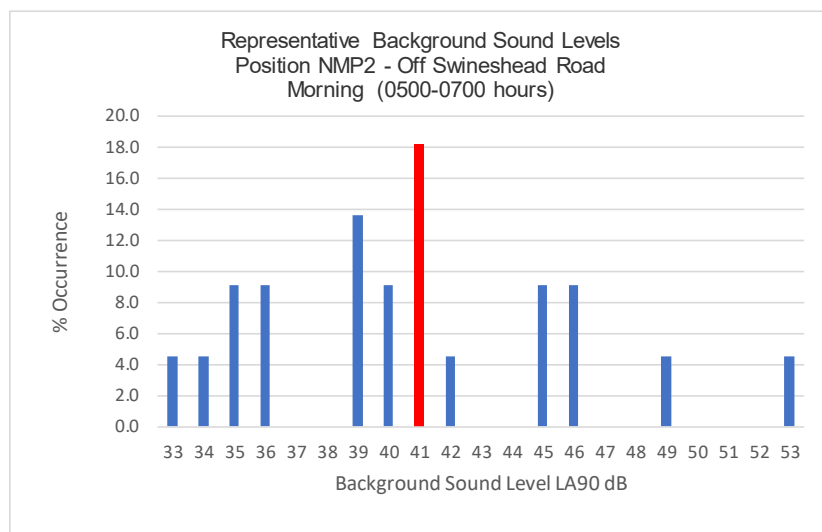


LA90 % Occurrence

32	3.0
33	0.0
34	1.5
35	7.6
36	18.2
37	16.7
38	18.2
39	16.7
40	4.5
41	0.0
42	0.0
43	3.0
44	1.5
45	0.0
46	3.0
47	1.5
48	3.0
49	1.5


LA90 % Occurrence

33	4.5
34	4.5
35	9.1
36	9.1
37	0.0
38	0.0
39	13.6
40	9.1
41	18.2
42	4.5
43	0.0
44	0.0
45	9.1
46	9.1
47	0.0
48	0.0
49	4.5
50	0.0
51	0.0
52	0.0
53	4.5



2.4 NMP 3: East of Swineshead Road

Noise Survey Results

Date: Friday 7th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP3 - East of Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

TABLE 196

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	41.9	43.8	35.3	54.9	Occasional road traffic, birdsong & distant dog barking generally forms the noise climate
07:15	15:00	42.2	44.6	35.9	60.1	
07:30	15:00	41.9	44.1	34.8	56.7	
07:45	15:00	42.2	43.9	35.1	55.9	
08:00	15:00	41.6	44.2	35.8	57.3	
08:15	15:00	45.1	46.7	34.9	61.6	
08:30	15:00	43.2	46.9	36.0	60.9	
08:45	15:00	45.4	48.7	36.8	59.3	
09:00	15:00	45.7	49.1	37.8	61.6	Rain
09:15	15:00	44.0	46.8	36.1	63.2	Rain
09:30	15:00	44.2	46.9	36.8	59.6	
09:45	15:00	45.1	47.7	36.4	62.2	
10:00	15:00	43.8	46.3	37.0	65.2	
10:15	15:00	47.8	51.3	39.2	68.0	
10:30	15:00	47.2	51.2	38.1	57.7	Rain
10:45	15:00	46.1	50.7	37.1	59.0	Rain
11:00	15:00	45.1	48.6	37.5	66.7	
11:15	15:00	47.2	51.3	37.6	60.6	
11:30	15:00	46.6	50.3	36.4	65.0	
11:45	15:00	50.7	54.4	41.2	63.6	
12:00	15:00	50.5	54.2	41.3	62.8	
12:15	15:00	49.5	53.0	40.4	63.2	
12:30	15:00	47.7	51.5	39.3	58.7	
12:45	15:00	49.0	52.5	38.7	64.9	
13:00	15:00	50.2	53.9	40.2	63.5	
13:15	15:00	50.7	53.8	36.7	67.7	
13:30	15:00	46.0	49.9	37.7	58.8	
13:45	15:00	47.3	51.2	38.1	60.2	
14:00	15:00	50.0	54.0	40.9	62.9	
14:15	15:00	49.5	53.7	39.7	63.8	
14:30	15:00	50.1	54.1	41.0	62.8	
14:45	15:00	53.7	57.7	42.5	65.8	
Average 0700-1500		47.9	51.5	38.5	55-68	Excluding Rain

Noise Survey Results

Date: Friday 7th June 2024

TABLE 197

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP3 - East of Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
15:00	15:00	47.7	51.6	39.4	60.1	
15:15	15:00	54.3	58.0	45.1	66.3	
15:30	15:00	53.2	56.7	44.8	66.5	
15:45	15:00	53.9	57.6	43.6	68.4	
16:00	15:00	54.7	58.6	44.4	66.8	
16:15	15:00	52.3	55.7	42.1	75.6	
16:30	15:00	50.2	54.3	39.9	66.1	
16:45	15:00	54.9	59.0	43.0	67.8	
17:00	15:00	56.1	59.9	46.6	70.1	
17:15	15:00	55.5	59.1	46.3	67.4	
17:30	15:00	53.5	57.1	44.0	65.0	
17:45	15:00	52.7	56.5	43.7	63.9	
18:00	15:00	50.0	53.9	40.8	63.7	
18:15	15:00	49.8	53.3	40.2	68.8	
18:30	15:00	52.7	56.8	41.7	65.8	
18:45	15:00	51.6	55.2	43.0	63.2	
19:00	15:00	46.1	49.2	36.4	61.0	
19:15	15:00	50.5	54.4	39.6	64.4	
19:30	15:00	48.8	53.0	36.6	62.9	
19:45	15:00	48.1	51.4	37.4	67.0	
20:00	15:00	44.8	48.2	36.0	64.6	
20:15	15:00	47.9	45.7	33.2	69.5	
20:30	15:00	47.7	44.2	33.2	73.2	
20:45	15:00	40.7	43.6	34.6	61.5	
21:00	15:00	39.4	42.4	33.9	51.5	
21:15	15:00	39.7	43.7	32.3	51.9	
21:30	15:00	38.1	41.3	32.5	51.7	
21:45	15:00	36.2	38.8	32.3	47.6	
22:00	15:00	34.0	36.4	30.4	44.0	
22:15	15:00	38.0	41.0	33.2	49.3	
22:30	15:00	38.3	41.3	31.0	52.6	
22:45	15:00	36.9	40.1	32.4	45.0	
Average 1500-2300		50.8	54.4	41.0	44-76	

Noise Survey Results

Date: Friday 7th - Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 198

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP3 - East of Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	37.3	40.4	31.1	51.4	
23:15	15:00	35.3	37.7	30.8	48.8	
23:30	15:00	34.2	36.5	30.2	48.4	
23:45	15:00	37.7	39.8	30.1	52.1	
00:00	15:00	33.3	35.8	29.7	43.4	
00:15	15:00	36.2	39.3	30.9	48.8	
00:30	15:00	36.8	39.7	31.4	48.7	
00:45	15:00	37.2	40.4	31.0	53.7	
01:00	15:00	33.7	36.8	29.2	44.0	
01:15	15:00	35.8	39.2	30.1	47.0	
01:30	15:00	33.8	36.1	30.4	48.2	
01:45	15:00	40.2	41.7	31.4	56.2	
02:00	15:00	34.3	37.1	30.6	45.0	
02:15	15:00	35.2	37.9	30.6	47.6	
02:30	15:00	34.6	37.3	30.1	47.2	
02:45	15:00	36.6	39.4	31.1	51.0	
03:00	15:00	42.3	46.3	32.5	56.1	
03:15	15:00	44.8	48.6	37.6	56.7	
03:30	15:00	37.8	41.8	31.2	49.5	
03:45	15:00	41.0	40.5	32.6	67.7	
04:00	15:00	38.7	41.8	33.6	48.9	
04:15	15:00	42.3	45.9	35.5	52.9	
04:30	15:00	38.6	41.0	34.9	49.7	
04:45	15:00	48.2	51.1	35.9	68.0	
05:00	15:00	49.0	50.8	34.3	68.2	
05:15	15:00	49.1	52.6	35.5	68.1	
05:30	15:00	57.2	57.4	34.8	81.1	
05:45	15:00	54.9	53.7	36.2	79.5	
06:00	15:00	53.4	53.2	35.8	72.2	
06:15	15:00	45.0	46.8	35.4	66.3	
06:30	15:00	50.6	52.3	36.1	70.0	
06:45	15:00	42.8	47.0	34.6	54.8	
Average 2300-0700		47.0	48.0	33.3	43-81	
Average 0700-2300		49.7	53.3	40.0	44-76	

Noise Survey Results

Date: Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 199

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP3 - East of Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	40.9	44.3	34.4	56.2	
07:15	15:00	42.3	45.6	35.6	59.4	
07:30	15:00	40.2	43.3	34.8	53.4	
07:45	15:00	42.4	44.6	33.9	57.7	
08:00	15:00	53.3	44.1	34.1	79.5	
08:15	15:00	60.1	58.0	33.3	79.5	
08:30	15:00	41.2	44.9	34.6	53.0	
08:45	15:00	49.5	53.1	41.1	63.5	
09:00	15:00	47.8	51.6	38.8	61.3	
09:15	15:00	48.0	51.7	39.1	62.0	
09:30	15:00	48.2	51.2	39.7	63.8	
09:45	15:00	51.7	54.5	40.7	72.0	
10:00	15:00	50.3	54.1	39.5	66.5	
10:15	15:00	47.5	51.3	39.9	59.8	
10:30	15:00	45.0	48.4	38.0	57.6	
10:45	15:00	56.5	59.7	45.6	72.6	
11:00	15:00	46.1	50.2	36.3	60.5	
11:15	15:00	41.0	44.3	35.1	53.3	
11:30	15:00	42.6	46.2	35.8	58.9	
11:45	15:00	42.1	45.5	34.9	55.6	
12:00	15:00	41.1	43.8	34.8	58.6	
12:15	15:00	42.2	45.1	34.5	57.1	
12:30	15:00	45.1	47.8	35.2	69.8	
12:45	15:00	44.1	48.1	36.0	58.3	
13:00	15:00	46.4	49.8	39.2	61.4	
13:15	15:00	46.8	50.2	37.0	61.4	
13:30	15:00	44.5	47.9	38.2	55.0	
13:45	15:00	49.1	52.9	41.1	61.1	
14:00	15:00	52.7	52.7	38.3	72.8	
14:15	15:00	45.6	48.9	39.1	60.1	
14:30	15:00	50.1	53.8	39.7	63.6	
14:45	15:00	48.4	52.0	39.0	66.8	
Average 0700-1500		49.9	51.5	38.4	53-80	

Noise Survey Results

Date: Saturday 8th June 2024

TABLE 200

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP3 - East of Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	50.0	53.7	40.9	66.1	
15:15	15:00	47.8	51.6	38.2	59.6	
15:30	15:00	47.7	50.7	37.0	63.6	
15:45	15:00	50.6	52.1	38.9	73.6	
16:00	15:00	49.4	53.3	39.9	64.4	
16:15	15:00	48.7	52.3	37.1	65.7	
16:30	15:00	48.3	50.7	37.1	65.0	
16:45	15:00	47.4	51.1	39.3	60.1	
17:00	15:00	45.5	48.7	36.3	64.5	
17:15	15:00	48.1	51.9	38.5	60.1	
17:30	15:00	50.0	53.6	38.9	66.6	
17:45	15:00	48.4	52.4	39.3	63.3	
18:00	15:00	55.5	54.2	38.3	78.1	
18:15	15:00	57.1	60.9	38.3	77.6	
18:30	15:00	57.3	54.4	34.7	79.5	
18:45	15:00	47.0	50.5	36.0	63.8	
19:00	15:00	40.6	42.9	33.8	58.5	
19:15	15:00	40.8	43.4	33.3	59.1	
19:30	15:00	51.4	55.8	34.8	67.9	
19:45	15:00	43.2	46.8	36.7	56.8	
20:00	15:00	52.2	57.3	32.2	70.6	
20:15	15:00	51.2	55.7	31.8	68.6	
20:30	15:00	36.8	39.7	31.1	56.9	
20:45	15:00	36.2	38.9	31.6	52.1	
21:00	15:00	36.2	39.0	32.1	47.0	
21:15	15:00	35.8	38.9	30.8	49.8	
21:30	15:00	30.7	32.8	27.5	43.9	
21:45	15:00	32.0	34.8	27.8	44.4	
22:00	15:00	32.3	35.4	27.2	48.1	
22:15	15:00	31.5	34.3	27.5	42.7	
22:30	15:00	30.0	32.8	25.0	44.7	
22:45	15:00	30.3	32.8	26.6	43.0	
Average 1500-2300		49.4	52.1	36.1	43-80	

Noise Survey Results

Date: Saturday 8th - Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 201

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP3 - East of Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	30.5	32.9	27.4	41.9	
23:15	15:00	30.6	33.0	27.4	39.1	
23:30	15:00	34.1	37.2	27.9	54.8	
23:45	15:00	30.6	32.7	27.6	42.7	
00:00	15:00	31.0	32.4	26.3	46.9	
00:15	15:00	30.6	32.6	27.6	38.0	
00:30	15:00	34.8	37.2	31.0	43.8	
00:45	15:00	35.3	38.3	29.9	44.3	
01:00	15:00	35.4	38.6	29.0	44.3	
01:15	15:00	32.3	34.4	29.8	39.6	
01:30	15:00	32.0	34.0	28.3	46.6	
01:45	15:00	32.2	34.6	28.8	45.5	
02:00	15:00	32.9	34.7	30.5	39.2	
02:15	15:00	32.6	34.5	29.4	45.6	
02:30	15:00	31.6	33.8	28.7	39.0	
02:45	15:00	31.9	33.5	29.7	39.4	
03:00	15:00	32.9	36.2	29.2	42.8	
03:15	15:00	31.1	32.5	29.4	38.5	
03:30	15:00	38.8	43.2	30.6	51.0	
03:45	15:00	43.2	44.5	32.6	72.0	
04:00	15:00	36.7	39.8	31.3	50.1	
04:15	15:00	36.4	38.8	32.5	48.8	
04:30	15:00	43.0	41.6	33.9	65.5	
04:45	15:00	48.8	47.8	35.0	68.3	
05:00	15:00	50.4	55.3	31.8	68.6	
05:15	15:00	38.8	36.5	31.4	61.7	
05:30	15:00	49.5	52.0	33.6	67.6	
05:45	15:00	36.3	37.3	32.3	52.2	
06:00	15:00	60.5	50.8	33.7	82.7	
06:15	15:00	48.2	45.9	33.6	67.9	
06:30	15:00	55.8	60.5	34.0	74.4	
06:45	15:00	42.2	42.2	32.1	66.4	
Average 2300-0700		47.8	47.9	31.1	38-83	
Average 0700-2300		49.7	51.8	37.4	43-80	

Noise Survey Results

Date: Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 202

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP3 - East of Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	50.3	48.5	31.5	71.5	
07:15	15:00	53.5	57.5	33.7	72.6	
07:30	15:00	54.7	50.3	32.9	77.7	
07:45	15:00	41.1	44.7	34.6	51.8	
08:00	15:00	47.4	50.1	36.5	65.3	
08:15	15:00	47.1	50.1	37.2	67.0	
08:30	15:00	48.8	50.3	36.8	71.3	
08:45	15:00	43.3	46.7	36.2	54.8	
09:00	15:00	48.0	49.9	36.1	65.3	
09:15	15:00	48.7	51.0	36.8	67.8	
09:30	15:00	50.0	54.1	36.8	66.3	
09:45	15:00	47.4	45.4	35.2	72.8	
10:00	15:00	51.9	53.6	36.4	70.5	
10:15	15:00	51.2	52.4	35.1	76.4	
10:30	15:00	53.5	51.8	35.8	78.7	
10:45	15:00	49.9	46.6	36.5	77.9	
11:00	15:00	50.0	46.1	35.5	73.5	
11:15	15:00	50.6	54.2	37.2	70.4	
11:30	15:00	48.7	50.9	36.8	68.9	
11:45	15:00	43.6	46.3	35.4	61.2	
12:00	15:00	51.6	50.6	35.2	71.0	
12:15	15:00	49.5	49.7	35.2	70.2	
12:30	15:00	47.6	47.0	34.7	69.7	
12:45	15:00	49.9	54.1	34.2	69.7	
13:00	15:00	59.5	59.3	36.0	77.8	
13:15	15:00	42.4	45.8	35.0	56.2	
13:30	15:00	57.5	55.8	36.5	84.3	
13:45	15:00	58.5	41.6	34.5	84.4	
14:00	15:00	40.2	42.4	35.2	60.0	
14:15	15:00	48.5	44.4	34.0	69.5	
14:30	15:00	39.6	42.8	34.2	52.7	
14:45	15:00	39.6	42.8	32.9	54.8	
Average 0700-1500		51.6	51.5	35.5	52-84	

Noise Survey Results

Date: Sunday 9th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP3 - East of Swineshead Road**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 203

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	35.9	38.9	31.0	51.0	
15:15	15:00	38.7	41.8	32.5	50.9	
15:30	15:00	44.8	48.4	35.4	60.9	
15:45	15:00	43.7	47.1	36.2	57.5	
16:00	15:00	43.6	46.7	36.3	58.3	
16:15	15:00	48.8	52.6	38.7	65.2	
16:30	15:00	49.5	50.6	39.1	71.3	
16:45	15:00	52.0	46.8	34.2	74.4	
17:00	15:00	53.1	49.9	36.4	76.3	
17:15	15:00	48.4	51.9	36.7	64.8	
17:30	15:00	47.2	50.4	38.1	64.1	
17:45	15:00	44.4	47.6	35.9	59.4	
18:00	15:00	45.5	48.8	37.1	60.9	
18:15	15:00	45.3	48.8	37.5	62.3	
18:30	15:00	43.5	47.4	35.2	57.0	
18:45	15:00	39.3	42.7	32.8	51.5	
19:00	15:00	41.7	42.9	33.6	68.4	
19:15	15:00	40.3	43.9	33.4	54.5	
19:30	15:00	49.8	49.5	31.9	71.0	
19:45	15:00	49.4	43.6	31.2	71.7	
20:00	15:00	44.5	43.1	30.9	64.7	
20:15	15:00	41.4	42.9	31.3	64.0	
20:30	15:00	38.2	42.0	30.7	53.1	
20:45	15:00	42.8	43.1	30.6	67.4	
21:00	15:00	33.6	35.6	30.4	49.7	
21:15	15:00	37.3	40.1	32.7	57.2	
21:30	15:00	36.5	38.9	33.0	46.1	
21:45	15:00	37.2	39.8	33.3	46.1	
22:00	15:00	36.4	38.8	33.2	47.8	
22:15	15:00	38.2	42.0	31.2	52.2	
22:30	15:00	35.2	39.0	28.9	48.6	
22:45	15:00	39.5	43.1	29.4	57.6	
Average 1500-2300		45.6	46.6	34.6	46-76	

Noise Survey Results

Date: Sunday 9th - Monday 10th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 204

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP3 - East of Swineshead Road**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

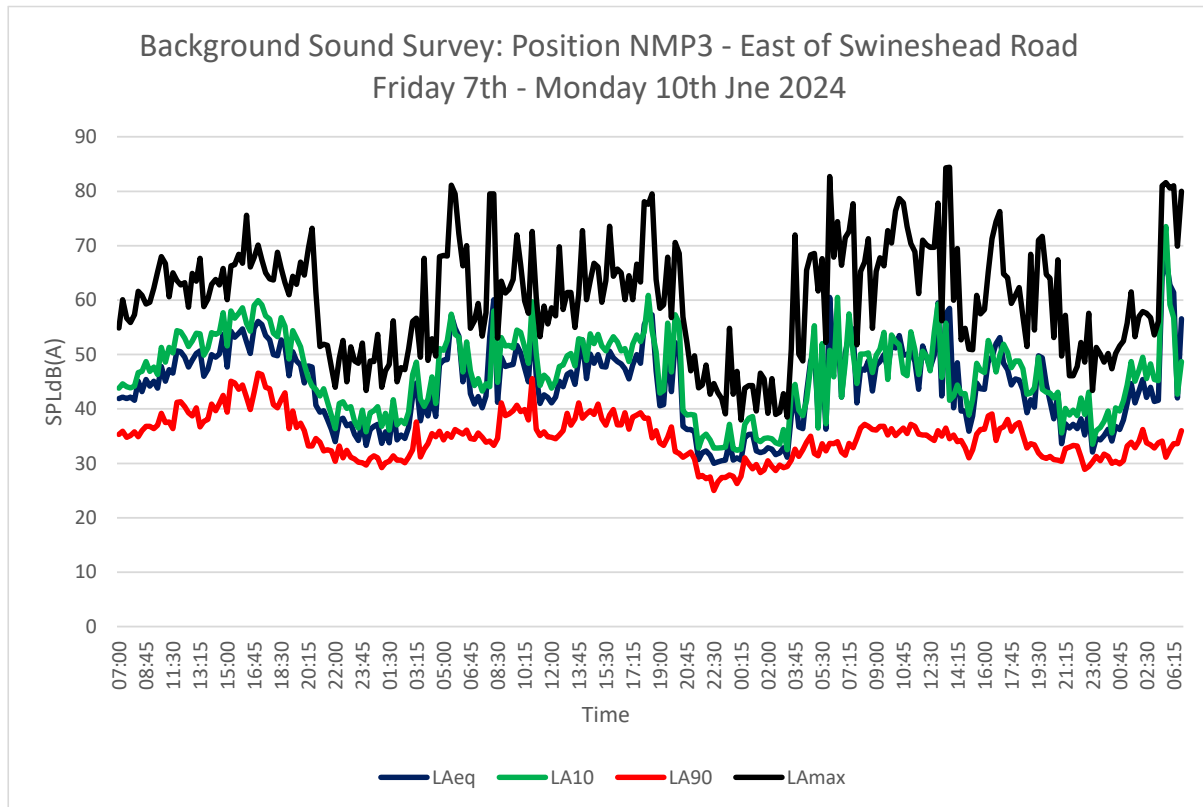
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	32.1	33.5	30.3	43.4	
23:15	15:00	34.6	36.0	31.3	51.3	
23:30	15:00	34.3	36.6	30.5	50.1	
23:45	15:00	35.1	37.7	31.7	48.6	
00:00	15:00	36.3	39.6	31.3	50.2	
00:15	15:00	34.1	35.6	30.0	47.4	
00:30	15:00	36.8	40.2	30.4	50.2	
00:45	15:00	36.2	39.6	29.9	51.6	
01:00	15:00	38.0	41.5	30.5	52.5	
01:15	15:00	41.0	44.4	33.2	55.8	
01:30	15:00	44.7	48.7	33.9	61.5	
01:45	15:00	41.1	45.1	32.9	53.3	
02:00	15:00	43.3	47.1	34.1	57.0	
02:15	15:00	45.4	49.5	36.2	57.9	
02:30	15:00	42.1	45.6	33.8	57.6	
02:45	15:00	44.0	48.3	33.4	56.8	
03:00	15:00	41.4	45.4	32.8	53.6	
03:15	15:00	41.6	45.2	33.8	56.1	
03:30	15:00	45.9	49.3	39.9	56.3	Rain
03:45	15:00	44.1	46.8	39.4	54.4	Rain
04:00	15:00	47.2	50.1	38.9	69.3	Rain
04:15	15:00	45.2	48.8	37.0	58.8	Rain
04:30	15:00	43.4	45.6	37.0	58.3	Rain
04:45	15:00	40.7	44.0	34.1	57.9	Rain
05:00	15:00	36.5	39.2	30.8	52.2	Rain
05:15	15:00	49.7	54.8	32.5	66.6	Rain
05:30	15:00	64.4	67.3	34.1	81.0	
05:45	15:00	67.6	73.5	31.1	81.6	
06:00	15:00	62.8	59.2	32.6	80.6	
06:15	15:00	61.4	56.8	33.6	81.0	
06:30	15:00	42.0	42.7	33.6	69.9	
06:45	15:00	56.6	48.7	36.0	80.0	
Average 2300-0700		56.0	59.7	34.4	40-80	Excluding Rain
Average 0700-2300		49.6	49.7	35.0	46-84	

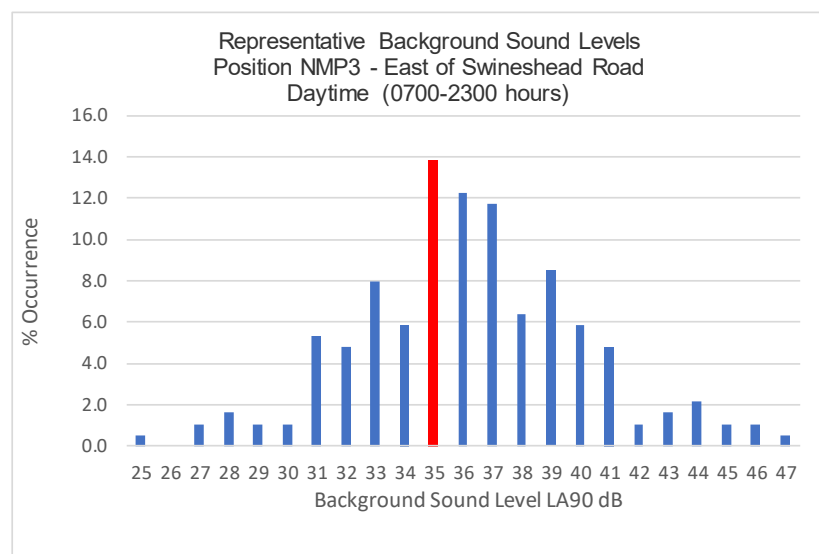
Overall Average	52.6	55.8	32.5	38-83	Excluding Rain
Overall Average	49.6	51.8	37.9	43-84	Excluding Rain

Average 0500-0700	58.4	61.6	34.1	52-83
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	39.6	42.4	31.8	38-72
--------------------------	-------------	-------------	-------------	--------------

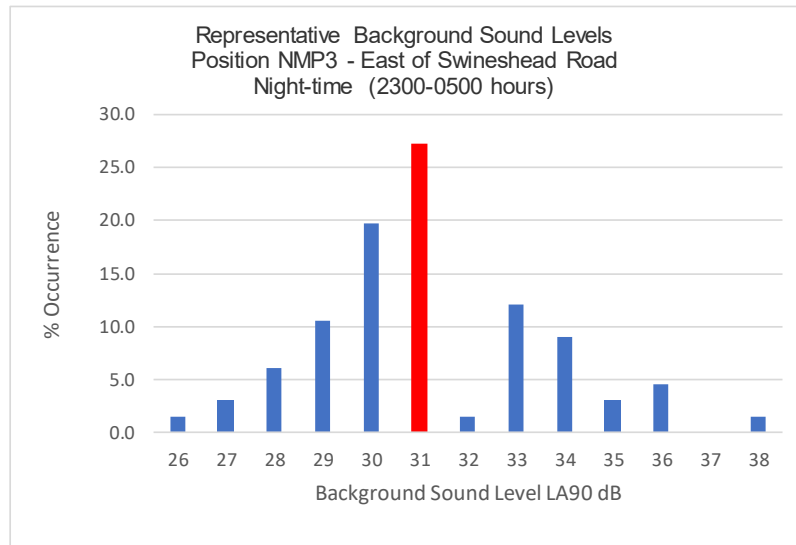


LA90	% Occurrence
25	0.5
26	0.0
27	1.1
28	1.6
29	1.1
30	1.1
31	5.3
32	4.8
33	8.0
34	5.9
35	13.8
36	12.2
37	11.7
38	6.4
39	8.5
40	5.9
41	4.8
42	1.1
43	1.6
44	2.1
45	1.1
46	1.1
47	0.5

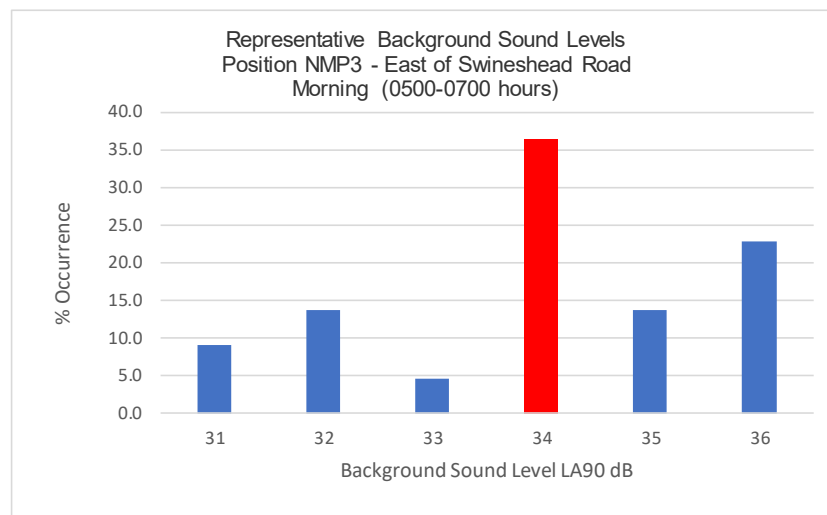


LA90 % Occurrence

26	1.5
27	3.0
28	6.1
29	10.6
30	19.7
31	27.3
32	1.5
33	12.1
34	9.1
35	3.0
36	4.5
37	0.0
38	1.5


LA90 % Occurrence

31	9.1
32	13.6
33	4.5
34	36.4
35	13.6
36	22.7



2.5 NMP 4: Pertenhall

Noise Survey Results

Date: Friday 7th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP4 - Pertenhall**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

TABLE 187

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	43.0	44.9	32.6	60.5	Occasional road traffic, birdsong & distant dog barking generally forms the noise climate
07:15	15:00	41.2	44.3	33.8	62.2	
07:30	15:00	40.6	43.2	33.2	61.2	
07:45	15:00	43.5	55.4	32.6	61.3	
08:00	15:00	42.7	44.6	31.8	68.6	
08:15	15:00	43.8	55.0	31.1	66.7	
08:30	15:00	42.7	47.0	31.3	62.5	
08:45	15:00	41.6	42.6	32.0	61.6	
09:00	15:00	45.4	43.7	32.8	62.1	Rain
09:15	15:00	43.7	43.8	32.8	61.9	Rain
09:30	15:00	41.3	44.6	33.5	62.1	
09:45	15:00	41.1	41.1	32.6	62.9	
10:00	15:00	40.8	44.1	32.9	60.4	
10:15	15:00	38.1	41.3	32.4	52.2	
10:30	15:00	39.0	41.6	31.9	56.0	Rain
10:45	15:00	40.8	42.6	33.0	58.9	Rain
11:00	15:00	41.3	42.7	33.5	61.9	
11:15	15:00	40.8	43.9	35.9	59.9	
11:30	15:00	44.5	43.8	34.9	65.1	
11:45	15:00	41.4	43.9	37.2	57.8	
12:00	15:00	48.5	47.9	36.6	68.0	
12:15	15:00	39.8	42.7	34.3	56.9	
12:30	15:00	45.2	47.5	34.6	62.0	
12:45	15:00	39.6	42.0	35.3	51.7	
13:00	15:00	46.5	45.8	36.3	65.1	
13:15	15:00	41.2	44.3	35.9	55.7	
13:30	15:00	38.8	42.0	32.0	55.2	
13:45	15:00	39.6	40.6	33.0	55.3	
14:00	15:00	39.8	42.4	34.6	61.5	
14:15	15:00	41.2	44.0	35.8	53.1	
14:30	15:00	41.8	44.7	37.6	48.7	
14:45	15:00	49.7	51.3	38.0	69.0	
Average 0700-1500		43.1	47.1	34.5	49-69	Excluding Rain

Noise Survey Results

Date: Friday 7th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP4 - Pertenhall**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 188

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	43.4	46.3	38.0	58.0	
15:15	15:00	45.2	47.9	40.1	57.7	
15:30	15:00	45.2	48.4	39.1	57.8	
15:45	15:00	43.9	46.4	39.5	55.1	
16:00	15:00	47.3	50.3	40.1	63.8	
16:15	15:00	44.0	47.0	38.3	57.6	
16:30	15:00	41.6	44.4	36.4	60.4	
16:45	15:00	44.9	48.4	37.0	60.4	
17:00	15:00	45.4	48.3	40.9	56.7	
17:15	15:00	47.0	48.6	39.8	74.7	
17:30	15:00	45.4	47.1	38.8	65.8	
17:45	15:00	46.8	48.0	36.9	72.9	
18:00	15:00	43.5	46.1	38.4	57.2	
18:15	15:00	41.7	44.4	36.6	60.2	
18:30	15:00	43.3	46.1	38.2	60.4	
18:45	15:00	49.5	46.7	37.2	75.0	
19:00	15:00	41.7	44.2	33.8	63.4	
19:15	15:00	41.3	43.5	34.6	62.4	
19:30	15:00	41.6	45.4	32.9	54.8	
19:45	15:00	35.8	38.0	31.5	51.6	
20:00	15:00	42.4	39.6	31.3	68.7	
20:15	15:00	40.9	43.4	30.0	62.5	
20:30	15:00	51.6	55.3	29.3	71.4	
20:45	15:00	52.2	56.4	29.5	70.2	
21:00	15:00	45.3	44.3	29.4	70.1	
21:15	15:00	41.7	44.6	30.2	60.9	
21:30	15:00	35.8	38.6	28.9	54.6	
21:45	15:00	35.0	36.6	27.1	57.5	
22:00	15:00	30.1	32.3	26.2	45.7	
22:15	15:00	33.1	36.6	26.7	47.4	
22:30	15:00	33.5	37.6	26.4	50.3	
22:45	15:00	28.3	30.3	24.7	43.7	
Average 1500-2300		44.9	47.6	36.2	44-75	

Noise Survey Results

Date: Friday 7th - Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 189

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP4 - Pertenhall**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	35.5	37.8	25.8	49.6	
23:15	15:00	31.6	34.9	27.7	42.4	
23:30	15:00	27.4	29.3	24.7	36.7	
23:45	15:00	36.6	39.1	24.4	51.9	
00:00	15:00	26.4	28.4	23.5	36.1	
00:15	15:00	29.4	31.9	25.6	46.0	
00:30	15:00	28.0	29.1	25.5	51.4	
00:45	15:00	30.4	34.6	25.6	43.1	
01:00	15:00	33.1	36.8	25.6	46.9	
01:15	15:00	33.3	37.8	25.3	45.7	
01:30	15:00	28.7	30.9	25.8	38.7	
01:45	15:00	40.6	44.1	25.9	58.4	
02:00	15:00	30.0	31.1	24.4	49.7	
02:15	15:00	27.0	27.8	23.6	51.1	
02:30	15:00	28.1	29.6	23.6	51.4	
02:45	15:00	27.5	27.9	23.8	50.1	
03:00	15:00	28.1	29.4	24.5	39.1	
03:15	15:00	29.6	32.3	26.5	37.5	
03:30	15:00	36.1	37.2	26.3	55.5	
03:45	15:00	59.8	64.2	34.4	77.1	
04:00	15:00	49.3	48.0	30.9	69.5	
04:15	15:00	47.8	49.5	31.1	69.3	
04:30	15:00	60.4	64.7	31.9	77.3	
04:45	15:00	55.6	59.2	31.1	74.6	
05:00	15:00	38.9	42.0	31.7	57.9	
05:15	15:00	43.5	45.4	33.7	63.9	
05:30	15:00	36.1	38.5	32.5	47.4	
05:45	15:00	50.0	54.2	31.4	68.0	
06:00	15:00	52.0	56.4	32.0	68.1	
06:15	15:00	43.1	43.8	31.2	60.2	
06:30	15:00	43.9	46.7	31.1	64.8	
06:45	15:00	44.7	46.7	32.0	62.7	
Average 2300-0700		49.6	53.7	29.3	36-77	
Average 0700-2300		44.2	47.4	35.5	44-75	

Noise Survey Results

Date: Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 190

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP4 - Pertenhall**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	43.0	47.1	33.6	59.8	
07:15	15:00	49.6	54.1	34.2	68.4	
07:30	15:00	41.4	44.4	32.9	60.1	
07:45	15:00	42.3	46.0	31.8	60.8	
08:00	15:00	40.9	45.0	30.9	61.3	
08:15	15:00	45.2	48.0	32.6	63.9	
08:30	15:00	44.4	45.4	31.8	63.3	
08:45	15:00	45.6	47.6	36.2	67.9	
09:00	15:00	57.5	62.3	35.9	72.2	
09:15	15:00	46.8	47.9	34.5	69.7	
09:30	15:00	50.5	48.5	38.2	74.1	
09:45	15:00	43.5	46.6	36.3	59.6	
10:00	15:00	45.6	46.2	37.1	66.8	
10:15	15:00	44.7	44.7	37.1	66.2	
10:30	15:00	41.7	44.5	37.2	58.7	
10:45	15:00	53.7	57.5	41.2	67.2	
11:00	15:00	50.0	53.4	39.5	63.4	
11:15	15:00	40.2	43.4	34.9	54.0	
11:30	15:00	42.8	45.3	33.4	59.7	
11:45	15:00	38.3	41.9	31.9	50.6	
12:00	15:00	38.4	40.7	33.2	54.3	
12:15	15:00	42.3	45.7	36.1	54.9	
12:30	15:00	42.2	44.2	34.6	60.6	
12:45	15:00	48.9	48.9	36.1	69.1	
13:00	15:00	47.6	51.2	38.6	63.7	
13:15	15:00	45.8	48.7	40.0	64.8	
13:30	15:00	48.0	50.9	39.5	73.1	
13:45	15:00	49.0	52.4	40.5	64.5	
14:00	15:00	46.4	49.5	38.6	61.2	
14:15	15:00	49.4	53.3	36.7	62.6	
14:30	15:00	49.3	52.4	41.3	65.6	
14:45	15:00	50.4	53.4	44.3	69.4	
Average 0700-1500		48.2	51.7	37.5	51-74	

Noise Survey Results

Date: Saturday 8th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP4 - Pertenhall**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 191

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	49.4	52.7	41.8	65.0	
15:15	15:00	48.8	52.3	41.0	64.2	
15:30	15:00	48.0	51.2	41.0	61.8	
15:45	15:00	47.5	51.0	39.0	60.7	
16:00	15:00	48.8	52.5	39.3	62.0	
16:15	15:00	49.1	52.9	41.5	63.4	
16:30	15:00	47.9	51.2	38.3	69.9	
16:45	15:00	49.5	51.7	38.4	67.9	
17:00	15:00	47.2	50.5	40.3	62.7	
17:15	15:00	50.1	53.6	42.0	63.3	
17:30	15:00	46.7	49.9	39.8	63.2	
17:45	15:00	47.6	51.4	38.3	61.4	
18:00	15:00	46.9	51.1	35.0	62.0	
18:15	15:00	41.3	44.3	35.1	63.5	
18:30	15:00	43.8	46.7	36.4	60.5	
18:45	15:00	46.5	50.3	39.5	61.0	
19:00	15:00	44.0	46.3	36.2	59.3	
19:15	15:00	43.7	47.8	32.3	58.1	
19:30	15:00	38.5	41.2	31.2	52.6	
19:45	15:00	35.5	37.8	29.8	52.0	
20:00	15:00	50.1	47.5	30.6	73.0	
20:15	15:00	53.4	57.4	30.4	72.1	
20:30	15:00	51.2	54.8	29.3	69.1	
20:45	15:00	45.0	49.3	29.1	62.8	
21:00	15:00	49.5	51.5	30.8	68.4	
21:15	15:00	41.8	36.7	26.4	65.0	
21:30	15:00	34.5	36.0	25.9	56.7	
21:45	15:00	29.5	31.7	24.6	48.3	
22:00	15:00	31.9	35.7	24.0	46.6	
22:15	15:00	30.1	30.9	25.5	47.7	
22:30	15:00	31.6	34.1	25.0	49.9	
22:45	15:00	28.2	30.4	24.1	41.7	
Average 1500-2300		47.0	50.2	37.0	42-73	

Noise Survey Results

Date: Saturday 8th - Sunday 9th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP4 - Pertenhall**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 192

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	30.9	34.5	23.7	45.4	
23:15	15:00	32.3	36.4	24.2	47.6	
23:30	15:00	32.0	35.3	25.9	45.9	
23:45	15:00	27.4	27.9	23.3	43.1	
00:00	15:00	34.1	37.2	23.9	51.9	
00:15	15:00	31.7	34.4	26.2	46.2	
00:30	15:00	29.6	32.7	24.4	44.5	
00:45	15:00	28.5	31.2	23.9	45.0	
01:00	15:00	28.6	31.0	24.3	41.3	
01:15	15:00	30.2	33.2	26.4	39.9	
01:30	15:00	29.9	32.7	26.1	39.2	
01:45	15:00	27.4	29.0	25.5	34.8	
02:00	15:00	28.6	30.9	25.2	43.5	
02:15	15:00	28.8	31.1	25.7	45.0	
02:30	15:00	26.7	28.5	24.1	34.5	
02:45	15:00	24.6	26.8	21.3	38.7	
03:00	15:00	26.6	27.2	22.3	39.2	
03:15	15:00	25.6	27.6	22.9	39.1	
03:30	15:00	26.2	27.8	24.4	34.1	
03:45	15:00	58.4	63.4	31.0	75.3	
04:00	15:00	53.9	58.1	31.9	71.9	
04:15	15:00	51.8	56.8	32.5	67.7	
04:30	15:00	43.5	44.6	32.5	66.5	
04:45	15:00	52.7	57.1	32.8	68.9	
05:00	15:00	46.2	47.2	32.8	62.7	
05:15	15:00	46.3	49.3	32.3	62.8	
05:30	15:00	53.2	57.7	34.7	70.1	
05:45	15:00	45.6	48.4	34.0	64.6	
06:00	15:00	51.3	54.6	34.9	71.2	
06:15	15:00	40.3	42.3	30.2	58.9	
06:30	15:00	48.4	51.7	32.6	67.3	
06:45	15:00	56.1	60.9	32.3	72.2	
Average 2300-0700		48.5	52.9	29.7	34-75	
Average 0700-2300		47.6	51.0	37.3	42-74	

Noise Survey Results

Date: Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 193

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP4 - Pertenhall**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	48.5	46.9	31.4	68.5	
07:15	15:00	44.3	42.2	31.4	69.5	
07:30	15:00	39.1	40.7	31.9	60.2	
07:45	15:00	42.6	43.4	32.8	64.4	
08:00	15:00	40.0	42.2	33.9	60.3	
08:15	15:00	41.8	45.6	33.5	56.8	
08:30	15:00	39.4	41.9	34.0	53.5	
08:45	15:00	42.1	45.2	34.9	59.0	
09:00	15:00	40.4	43.1	35.4	54.4	
09:15	15:00	42.5	45.8	36.4	54.2	
09:30	15:00	42.9	45.7	37.2	65.8	
09:45	15:00	44.0	46.7	36.0	59.4	
10:00	15:00	45.5	45.0	36.1	69.0	
10:15	15:00	40.4	42.9	34.5	57.4	
10:30	15:00	44.1	46.4	37.3	62.0	
10:45	15:00	39.8	42.7	31.3	54.5	
11:00	15:00	40.6	41.7	32.1	62.1	
11:15	15:00	41.0	44.0	33.5	61.0	
11:30	15:00	45.1	44.9	33.0	64.0	
11:45	15:00	40.6	42.7	32.8	59.3	
12:00	15:00	37.9	40.6	32.8	51.5	
12:15	15:00	45.9	44.8	32.7	68.8	
12:30	15:00	38.4	41.6	30.7	57.3	
12:45	15:00	46.9	45.1	34.1	69.5	
13:00	15:00	49.1	51.1	31.1	70.9	
13:15	15:00	37.7	40.3	31.1	56.6	
13:30	15:00	38.1	39.5	30.7	57.6	
13:45	15:00	54.3	58.7	33.4	71.8	
14:00	15:00	52.1	52.9	31.1	74.6	
14:15	15:00	51.5	46.8	31.3	75.3	
14:30	15:00	50.8	54.4	32.4	67.8	
14:45	15:00	45.1	44.0	33.0	68.2	
Average 0700-1500		46.1	48.1	33.6	52-75	

Noise Survey Results

Date: Sunday 9th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP4 - Pertenhall**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 194

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	41.6	44.4	30.6	61.7	
15:15	15:00	49.2	51.0	31.6	67.0	
15:30	15:00	40.8	41.1	34.3	60.6	
15:45	15:00	41.3	44.6	35.5	57.2	
16:00	15:00	49.7	52.4	37.5	68.4	
16:15	15:00	54.5	53.7	37.0	72.7	
16:30	15:00	42.7	46.4	35.0	57.0	
16:45	15:00	40.1	43.4	32.6	56.2	
17:00	15:00	40.0	42.8	33.8	60.7	
17:15	15:00	39.5	42.4	33.0	53.1	
17:30	15:00	40.4	43.2	36.0	51.9	
17:45	15:00	44.7	48.9	35.5	60.1	
18:00	15:00	41.4	43.3	35.7	59.4	
18:15	15:00	46.7	46.9	37.1	67.8	
18:30	15:00	38.4	40.6	31.8	63.1	
18:45	15:00	47.6	43.8	30.8	68.2	
19:00	15:00	42.3	40.2	32.2	69.0	
19:15	15:00	37.3	40.5	31.0	53.8	
19:30	15:00	32.6	35.3	27.7	59.3	
19:45	15:00	51.1	55.2	28.9	70.0	
20:00	15:00	53.2	56.2	30.8	73.7	
20:15	15:00	52.8	51.7	31.5	77.5	
20:30	15:00	45.0	48.8	29.5	62.7	
20:45	15:00	57.7	61.8	29.8	75.2	
21:00	15:00	53.5	56.3	28.3	73.4	
21:15	15:00	35.6	36.2	27.6	58.6	
21:30	15:00	52.9	54.0	23.3	75.1	
21:45	15:00	29.8	33.1	23.3	43.8	
22:00	15:00	30.5	33.8	23.5	45.1	
22:15	15:00	38.4	43.3	25.7	56.3	
22:30	15:00	34.6	37.9	22.3	52.3	
22:45	15:00	38.0	41.3	27.2	56.0	
Average 1500-2300		48.6	51.1	32.7	44-76	

Noise Survey Results

Date: Sunday 9th - Monday 10th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP4 - Pertenhall**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 195

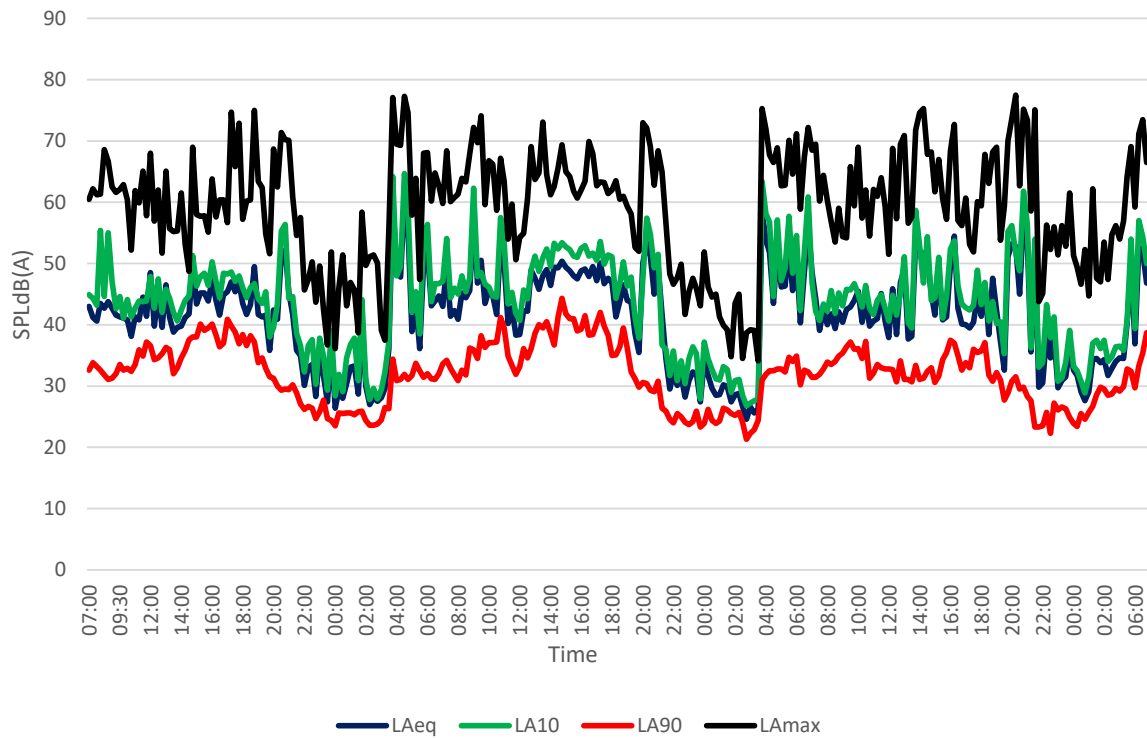
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	29.7	30.8	26.1	51.4	
23:15	15:00	30.9	31.3	26.6	56.2	
23:30	15:00	31.5	33.9	26.3	52.8	
23:45	15:00	36.2	39.1	24.9	61.5	
00:00	15:00	32.6	33.2	23.9	51.3	
00:15	15:00	31.7	32.5	23.4	49.4	
00:30	15:00	29.1	30.8	25.5	46.6	
00:45	15:00	27.6	28.9	24.6	52.3	
01:00	15:00	29.1	31.4	25.7	44.7	
01:15	15:00	34.4	37.0	26.7	62.2	
01:30	15:00	34.5	37.5	28.6	47.6	
01:45	15:00	33.8	36.1	29.8	47.0	
02:00	15:00	34.3	37.5	29.5	53.5	
02:15	15:00	31.7	34.0	28.5	47.4	
02:30	15:00	32.9	34.8	28.7	54.7	
02:45	15:00	34.0	36.4	29.6	56.2	
03:00	15:00	34.6	36.5	29.2	54.0	
03:15	15:00	34.5	35.8	29.9	56.9	
03:30	15:00	39.6	40.7	31.0	62.9	Rain
03:45	15:00	50.0	47.3	34.8	73.8	Rain
04:00	15:00	59.1	63.7	38.6	75.1	Rain
04:15	15:00	55.0	54.4	37.6	76.5	Rain
04:30	15:00	50.8	54.1	40.3	73.8	Rain
04:45	15:00	45.1	48.8	36.2	59.6	Rain
05:00	15:00	46.0	45.0	34.2	68.2	Rain
05:15	15:00	46.1	46.7	32.5	70.4	Rain
05:30	15:00	40.3	40.7	32.8	64.3	
05:45	15:00	50.4	54.0	32.4	69.1	
06:00	15:00	36.9	39.4	29.7	59.2	
06:15	15:00	52.7	57.0	33.3	71.2	
06:30	15:00	51.9	54.4	35.4	73.5	
06:45	15:00	46.8	50.0	38.7	66.5	
Average 2300-0700		48.0	51.2	33.0	45-74	Excluding Rain
Average 0700-2300		47.5	49.8	33.2	44-76	

Overall Average	48.1	52.3	29.8	34-77	Excluding Rain
Overall Average	46.7	49.7	35.6	42-76	Excluding Rain

Average 0500-0700	49.2	53.1	33.3	47-74
--------------------------	-------------	-------------	-------------	--------------

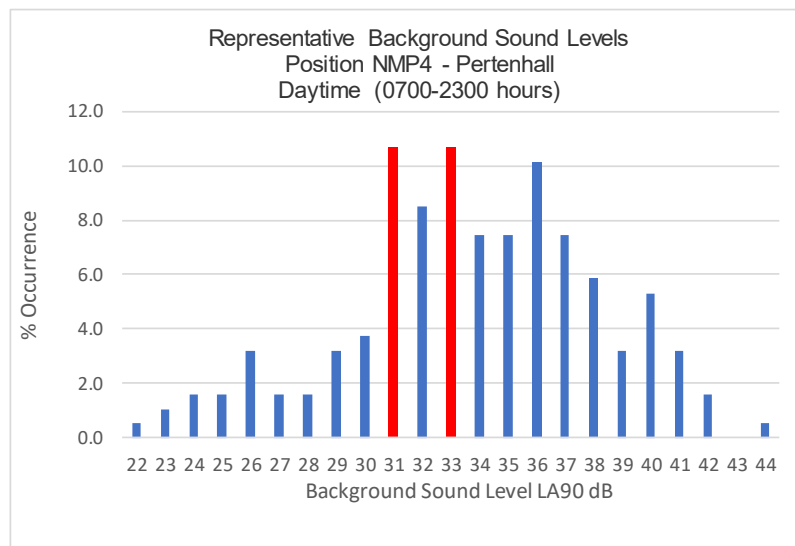
Average 2300-0500	47.7	52	27.6	34-77
--------------------------	-------------	-----------	-------------	--------------

Background Sound Survey: Position NMP4 - Pertenhall Road
Friday 7th - Monday 10th Jne 2024



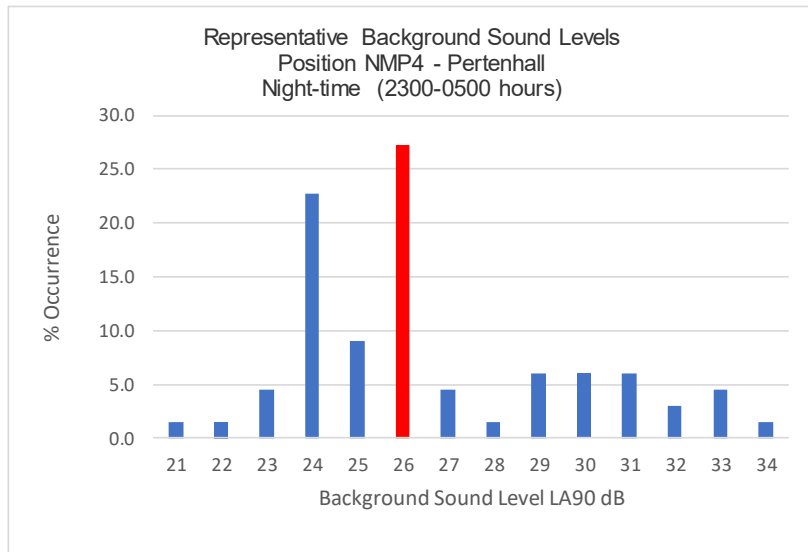
LA90 **% Occurrence**

22	0.5
23	1.1
24	1.6
25	1.6
26	3.2
27	1.6
28	1.6
29	3.2
30	3.7
31	10.6
32	8.5
33	10.6
34	7.4
35	7.4
36	10.1
37	7.4
38	5.9
39	3.2
40	5.3
41	3.2
42	1.6
43	0.0
44	0.5

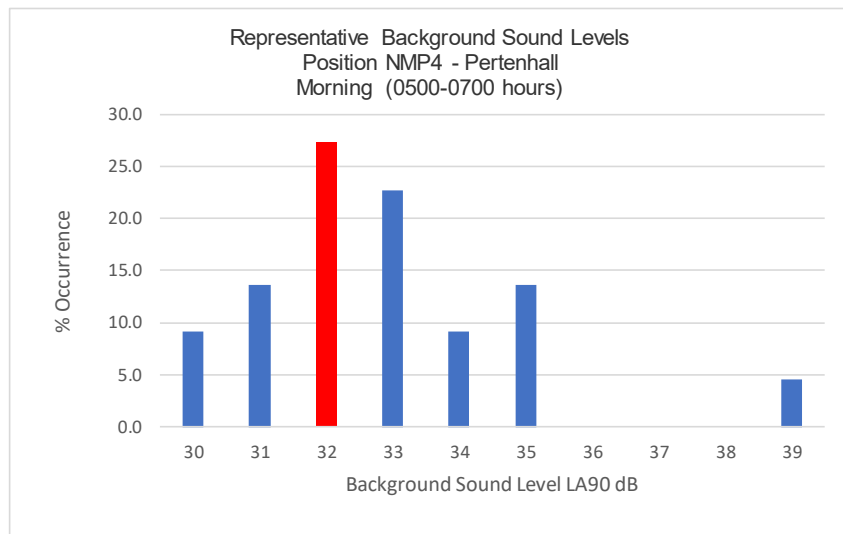


LA90 % Occurrence

21	1.5
22	1.5
23	4.5
24	22.7
25	9.1
26	27.3
27	4.5
28	1.5
29	6.1
30	6.1
31	6.1
32	3.0
33	4.5
34	1.5


LA90 % Occurrence

30	9.1
31	13.6
32	27.3
33	22.7
34	9.1
35	13.6
36	0.0
37	0.0
38	0.0
39	4.5



2.6 NMP 5: College Cottages

Noise Survey Results

Date: Friday 7th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP5 - College Cottage**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

TABLE 169

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	48.5	51.8	42.4	61.8	Occasional road traffic, birdsong & distant dog barking generally forms the noise climate
07:15	15:00	48.4	51.6	41.5	64.7	
07:30	15:00	50.6	52.9	47.4	59.2	
07:45	15:00	55.4	56.1	40.7	76.6	
08:00	15:00	51.4	51.7	38.2	79.8	
08:15	15:00	45.5	48.3	37.3	66.7	
08:30	15:00	44.9	48.4	37.2	60.0	
08:45	15:00	44.2	47.3	37.3	61.5	Rain
09:00	15:00	43.1	46.5	35.9	58.6	
09:15	15:00	42.1	45.2	36.4	58.2	Rain
09:30	15:00	44.8	47.7	36.8	64.6	
09:45	15:00	45.5	49.0	37.2	62.2	
10:00	15:00	45.2	47.6	36.8	64.3	
10:15	15:00	43.6	46.7	36.0	57.2	
10:30	15:00	45.7	48.5	37.0	63.8	
10:45	15:00	44.2	47.5	36.3	59.0	Rain
11:00	15:00	46.6	50.5	36.3	63.6	
11:15	15:00	44.7	47.7	38.0	59.0	
11:30	15:00	44.0	47.5	36.6	60.8	
11:45	15:00	44.2	47.8	37.9	59.2	
12:00	15:00	46.4	49.7	39.5	59.5	
12:15	15:00	45.7	48.9	39.3	55.8	
12:30	15:00	48.7	51.6	41.7	66.1	
12:45	15:00	47.6	50.6	38.7	63.2	
13:00	15:00	50.8	53.6	40.3	68.6	
13:15	15:00	47.6	50.9	42.0	62.6	
13:30	15:00	45.9	49.2	38.0	56.5	
13:45	15:00	48.5	50.0	40.1	70.7	
14:00	15:00	49.1	49.4	40.4	71.8	
14:15	15:00	47.4	49.6	39.9	69.6	
14:30	15:00	46.9	49.8	41.0	65.8	
14:45	15:00	51.5	53.9	40.6	69.6	
Average 0700-1500		48.3	50.6	40.1	56-80	Excluding Rain

Noise Survey Results

Date: Friday 7th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP5 - College Cottage**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 170

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	49.2	51.6	43.9	70.5	
15:15	15:00	50.8	53.3	44.1	68.0	
15:30	15:00	49.3	52.1	44.0	58.9	
15:45	15:00	50.7	53.4	45.7	68.9	
16:00	15:00	48.7	51.9	42.6	59.8	
16:15	15:00	46.9	49.9	41.9	58.5	
16:30	15:00	48.4	50.9	39.3	67.8	
16:45	15:00	48.0	51.3	41.7	58.6	
17:00	15:00	50.4	53.1	44.0	64.9	
17:15	15:00	49.4	52.4	42.6	66.0	
17:30	15:00	48.7	52.4	41.7	60.0	
17:45	15:00	52.2	53.8	42.5	69.6	
18:00	15:00	47.7	50.9	40.9	64.0	
18:15	15:00	47.3	50.8	40.4	60.2	
18:30	15:00	46.8	50.1	41.2	57.8	
18:45	15:00	46.0	48.6	40.8	57.2	
19:00	15:00	45.4	48.4	38.2	64.6	
19:15	15:00	45.0	48.3	38.8	57.2	
19:30	15:00	44.7	47.9	38.5	56.5	
19:45	15:00	43.8	46.5	38.6	57.5	
20:00	15:00	45.1	48.8	36.2	61.6	
20:15	15:00	42.5	46.4	34.5	54.7	
20:30	15:00	42.2	46.2	33.7	58.3	
20:45	15:00	43.1	47.3	33.9	58.8	
21:00	15:00	44.2	48.3	34.1	60.7	
21:15	15:00	48.1	51.2	34.7	66.6	
21:30	15:00	50.0	54.6	34.0	65.2	
21:45	15:00	39.2	41.3	32.3	62.1	
22:00	15:00	37.8	39.2	31.4	56.0	
22:15	15:00	39.8	42.2	32.4	58.0	
22:30	15:00	38.1	41.1	32.2	57.1	
22:45	15:00	35.2	34.2	31.4	54.1	
Average 1500-2300		47.3	50.3	40.3	54-71	

Noise Survey Results

Date: Friday 7th - Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 171

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP5 - College Cottage**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	37.6	41.7	31.9	52.5	
23:15	15:00	38.0	37.9	32.2	54.4	
23:30	15:00	34.8	34.9	31.5	50.1	
23:45	15:00	38.2	41.4	31.5	61.9	
00:00	15:00	33.4	33.8	31.4	51.7	
00:15	15:00	37.2	36.1	31.4	60.2	
00:30	15:00	33.9	34.4	32.1	49.4	
00:45	15:00	36.0	37.0	32.3	57.8	
01:00	15:00	37.0	39.5	32.4	54.8	
01:15	15:00	34.9	37.2	31.8	47.2	
01:30	15:00	38.6	34.6	31.9	57.1	
01:45	15:00	39.3	43.3	31.8	53.1	
02:00	15:00	33.6	34.2	31.2	44.2	
02:15	15:00	32.5	33.3	31.5	38.1	
02:30	15:00	33.8	33.6	31.5	52.3	
02:45	15:00	32.7	33.5	31.7	38.8	
03:00	15:00	35.5	34.7	31.5	57.7	
03:15	15:00	32.7	33.6	31.7	41.2	
03:30	15:00	39.6	35.8	31.8	61.7	
03:45	15:00	48.9	53.0	33.6	66.0	
04:00	15:00	47.3	51.5	35.0	64.0	
04:15	15:00	49.8	53.5	36.2	69.0	
04:30	15:00	48.1	51.6	34.2	66.1	
04:45	15:00	44.4	48.2	35.2	62.4	
05:00	15:00	47.6	49.9	33.8	66.8	
05:15	15:00	42.9	46.0	35.0	58.3	
05:30	15:00	42.2	46.1	34.0	57.9	
05:45	15:00	44.3	48.4	35.9	60.1	
06:00	15:00	42.6	45.9	35.5	58.6	
06:15	15:00	44.5	46.5	35.5	65.7	
06:30	15:00	47.5	50.0	35.4	66.6	
06:45	15:00	44.0	47.4	36.2	62.1	
Average 2300-0700		43.0	46.3	33.4	38-69	
Average 0700-2300		47.8	50.4	40.2	54-80	

Noise Survey Results

Date: Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 172

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP5 - College Cottage**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	42.3	44.0	36.0	60.2	
07:15	15:00	42.8	46.2	36.4	55.6	
07:30	15:00	45.7	49.5	36.2	65.4	
07:45	15:00	43.3	46.7	35.7	61.8	
08:00	15:00	46.2	48.9	36.9	66.3	
08:15	15:00	47.3	50.0	37.0	65.0	
08:30	15:00	46.8	47.6	35.1	67.4	
08:45	15:00	45.7	49.0	39.0	59.6	
09:00	15:00	45.2	48.4	39.3	56.1	
09:15	15:00	45.6	48.6	38.7	59.9	
09:30	15:00	46.0	49.0	40.1	60.1	
09:45	15:00	45.2	48.4	38.6	68.2	
10:00	15:00	45.0	48.6	37.5	60.7	
10:15	15:00	43.9	46.9	38.5	57.5	
10:30	15:00	45.2	48.1	40.5	57.5	
10:45	15:00	48.4	50.4	41.7	66.7	
11:00	15:00	46.3	49.7	40.0	60.7	
11:15	15:00	43.9	47.0	36.5	57.5	
11:30	15:00	51.2	51.3	37.3	74.6	
11:45	15:00	48.4	49.3	36.0	68.8	
12:00	15:00	46.0	49.1	36.2	63.2	
12:15	15:00	44.4	47.5	37.0	62.1	
12:30	15:00	45.7	49.1	37.5	62.3	
12:45	15:00	42.6	45.1	36.1	62.0	
13:00	15:00	47.2	49.4	35.8	65.4	
13:15	15:00	48.3	48.0	35.2	72.9	
13:30	15:00	46.0	46.3	37.8	68.4	
13:45	15:00	43.0	46.5	36.3	58.4	
14:00	15:00	45.3	48.4	37.2	64.1	
14:15	15:00	45.1	48.1	36.4	60.9	
14:30	15:00	45.7	48.7	38.9	62.2	
14:45	15:00	45.7	49.2	39.7	56.7	
Average 0700-1500		46.0	48.4	37.8	56-75	

Noise Survey Results

Date: Saturday 8th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP5 - College Cottage**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 173

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	47.2	49.1	38.5	68.2	
15:15	15:00	44.9	47.5	37.8	63.0	
15:30	15:00	43.8	47.1	37.2	58.6	
15:45	15:00	43.9	47.5	36.7	56.1	
16:00	15:00	48.0	47.8	37.8	73.8	
16:15	15:00	45.0	48.1	38.3	57.7	
16:30	15:00	43.1	46.7	36.1	55.6	
16:45	15:00	46.4	47.3	37.6	68.9	
17:00	15:00	46.8	48.4	36.8	68.5	
17:15	15:00	45.2	47.5	37.7	68.1	
17:30	15:00	45.4	48.3	35.9	63.9	
17:45	15:00	42.9	45.9	37.2	55.2	
18:00	15:00	44.6	46.6	35.4	66.6	
18:15	15:00	43.3	46.3	34.4	66.5	
18:30	15:00	43.5	46.9	36.2	59.0	
18:45	15:00	45.7	46.1	36.0	70.3	
19:00	15:00	41.9	44.5	35.6	57.9	
19:15	15:00	42.2	45.3	34.0	61.7	
19:30	15:00	47.4	51.1	34.4	70.0	
19:45	15:00	47.3	51.5	32.2	64.1	
20:00	15:00	44.0	47.2	32.5	61.7	
20:15	15:00	44.1	47.2	33.8	64.9	
20:30	15:00	49.3	48.3	32.3	71.3	
20:45	15:00	47.2	51.5	33.0	60.0	
21:00	15:00	49.1	53.9	33.2	63.9	
21:15	15:00	48.7	53.6	32.9	66.1	
21:30	15:00	47.2	51.5	32.6	67.6	
21:45	15:00	36.1	37.9	31.7	52.2	
22:00	15:00	40.3	43.0	31.8	57.0	
22:15	15:00	33.6	35.0	31.7	49.7	
22:30	15:00	40.8	38.6	31.8	66.7	
22:45	15:00	38.0	40.0	31.8	56.2	
Average 1500-2300		45.3	48.3	35.4	50-74	

Noise Survey Results

Date: Saturday 8th - Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 174

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP5 - College Cottage**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	35.9	36.7	31.9	52.2	
23:15	15:00	38.6	42.8	31.9	53.8	
23:30	15:00	38.2	38.2	31.6	58.6	
23:45	15:00	34.0	33.9	31.3	50.3	
00:00	15:00	33.6	34.4	31.6	52.9	
00:15	15:00	37.5	38.6	31.9	55.7	
00:30	15:00	35.6	38.0	31.7	54.5	
00:45	15:00	34.4	34.4	31.6	51.5	
01:00	15:00	35.1	34.1	31.5	52.0	
01:15	15:00	33.1	34.2	31.8	38.4	
01:30	15:00	33.5	34.9	31.3	46.7	
01:45	15:00	32.3	33.1	31.3	36.4	
02:00	15:00	32.5	33.2	31.5	37.9	
02:15	15:00	32.6	33.4	31.6	37.4	
02:30	15:00	33.4	33.9	31.6	47.7	
02:45	15:00	32.1	33.0	31.0	38.6	
03:00	15:00	32.4	33.1	31.0	40.2	
03:15	15:00	32.3	33.1	31.4	39.1	
03:30	15:00	41.0	38.9	31.0	62.1	
03:45	15:00	49.4	54.2	33.7	66.2	
04:00	15:00	48.7	52.8	34.1	66.2	
04:15	15:00	48.0	52.0	33.6	64.3	
04:30	15:00	44.6	48.1	33.5	61.8	
04:45	15:00	48.3	52.0	33.9	64.4	
05:00	15:00	44.5	45.5	33.6	63.5	
05:15	15:00	44.1	46.4	33.5	61.8	
05:30	15:00	42.0	45.5	33.6	57.8	
05:45	15:00	41.1	45.0	34.5	53.2	
06:00	15:00	45.8	48.7	34.3	64.2	
06:15	15:00	47.1	50.6	34.0	64.7	
06:30	15:00	45.2	47.4	35.4	63.3	
06:45	15:00	43.0	46.7	35.0	64.1	
Average 2300-0700		42.8	46.2	32.7	36-66	
Average 0700-2300		45.7	48.4	36.8	50-75	

Noise Survey Results

Date: Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 175

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP5 - College Cottage**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	46.6	45.6	35.0	75.3	
07:15	15:00	40.7	44.2	34.5	57.8	
07:30	15:00	42.1	45.5	35.6	57.2	
07:45	15:00	43.5	46.7	35.8	62.9	
08:00	15:00	42.4	45.8	36.7	56.5	
08:15	15:00	41.6	44.6	36.1	55.7	
08:30	15:00	43.0	46.5	35.8	57.4	
08:45	15:00	42.7	46.1	35.9	58.7	
09:00	15:00	42.2	45.4	35.9	55.9	
09:15	15:00	43.1	45.6	36.3	63.7	
09:30	15:00	44.7	48.3	36.7	63.2	
09:45	15:00	45.5	48.2	37.4	67.3	
10:00	15:00	46.6	47.0	34.4	67.0	
10:15	15:00	41.5	44.7	34.9	56.2	
10:30	15:00	44.4	48.1	35.7	58.7	
10:45	15:00	44.6	47.8	35.3	67.3	
11:00	15:00	41.7	44.8	35.1	56.4	
11:15	15:00	43.0	46.4	35.6	58.2	
11:30	15:00	45.3	48.1	37.7	61.4	
11:45	15:00	45.6	48.8	36.0	66.9	
12:00	15:00	39.4	42.9	34.0	51.7	
12:15	15:00	43.4	46.5	33.9	60.3	
12:30	15:00	46.9	49.8	35.6	68.6	
12:45	15:00	48.7	48.4	36.0	72.2	
13:00	15:00	42.9	46.6	35.1	57.2	
13:15	15:00	45.8	48.9	34.0	65.3	
13:30	15:00	45.4	49.1	34.0	64.5	
13:45	15:00	43.8	46.9	35.0	59.6	
14:00	15:00	41.2	44.7	33.6	55.8	
14:15	15:00	44.1	46.1	35.1	65.8	
14:30	15:00	46.6	47.6	34.0	66.2	
14:45	15:00	43.0	46.6	34.8	57.8	
Average 0700-1500		44.3	46.9	35.4	52-75	

Noise Survey Results

Date: Sunday 9th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP5 - College Cottage**
 Instrumentation: Cirrus 171A Real Time Analyser (G034789)
 Calibration: 94dB

TABLE 176

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	41.5	44.8	33.6	62.8	
15:15	15:00	49.1	51.3	35.2	67.7	
15:30	15:00	43.6	47.3	34.3	58.3	
15:45	15:00	45.0	47.7	36.3	67.5	
16:00	15:00	42.9	46.0	34.9	60.7	
16:15	15:00	53.7	50.7	36.7	74.4	
16:30	15:00	43.5	47.0	35.9	57.0	
16:45	15:00	45.8	48.9	36.8	68.8	
17:00	15:00	43.2	46.8	36.5	56.1	
17:15	15:00	42.7	45.2	36.6	62.2	
17:30	15:00	44.5	48.1	35.6	60.2	
17:45	15:00	48.9	46.4	36.0	77.2	
18:00	15:00	42.2	45.1	36.9	60.8	
18:15	15:00	44.3	47.3	37.8	62.5	
18:30	15:00	45.4	46.2	36.7	68.5	
18:45	15:00	45.0	48.2	34.1	65.7	
19:00	15:00	44.7	46.8	33.9	69.6	
19:15	15:00	41.8	45.2	33.8	56.9	
19:30	15:00	46.8	50.7	32.7	65.3	
19:45	15:00	49.1	53.8	34.0	64.8	
20:00	15:00	49.3	54.3	33.0	64.3	
20:15	15:00	47.4	50.8	32.9	64.6	
20:30	15:00	47.8	51.6	33.3	63.5	
20:45	15:00	50.3	55.0	33.0	66.4	
21:00	15:00	49.0	53.5	32.0	65.7	
21:15	15:00	46.1	50.8	31.5	63.6	
21:30	15:00	36.6	39.4	31.2	54.0	
21:45	15:00	35.2	37.5	31.7	50.8	
22:00	15:00	35.9	38.0	31.6	51.0	
22:15	15:00	39.8	43.5	31.9	55.4	
22:30	15:00	35.8	38.3	31.3	54.7	
22:45	15:00	37.2	40.8	31.1	51.3	
Average 1500-2300		46.2	49.1	34.6	51-77	

Noise Survey Results

Date: Sunday 9th - Monday 10th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 177

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP5 - College Cottage**

Instrumentation: Cirrus 171A Real Time Analyser (G034789)

Calibration: 94dB

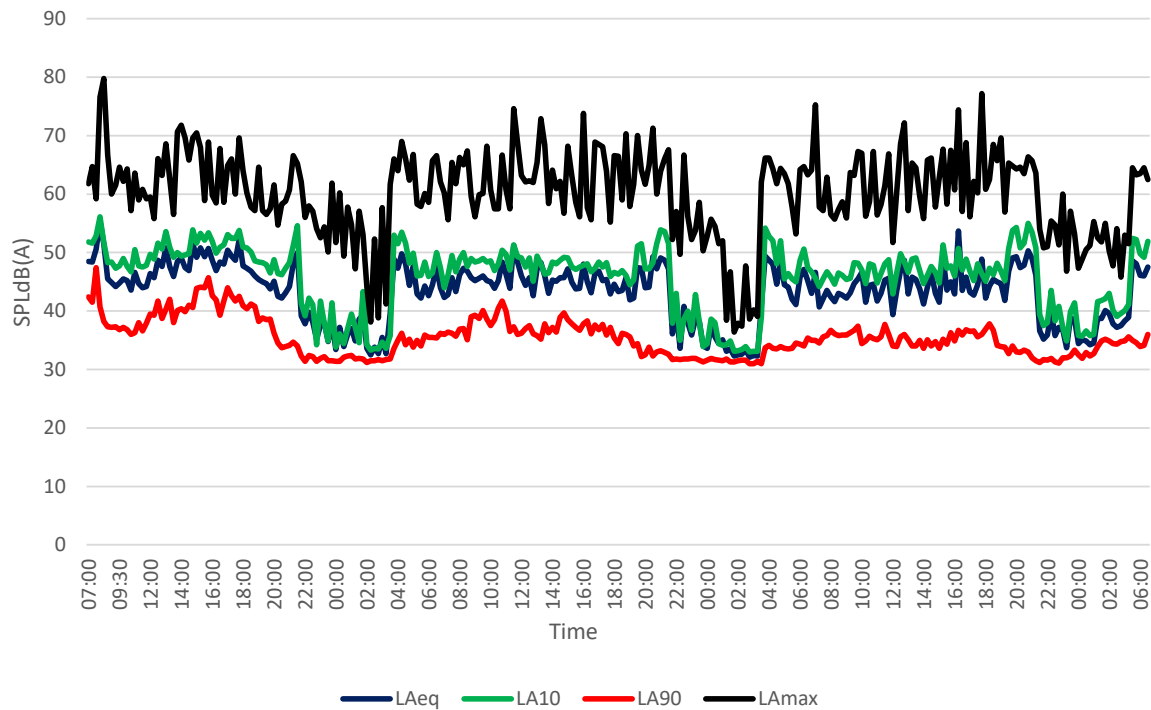
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
23:00	15:00	36.8	37.2	32.0	60.0	
23:15	15:00	33.7	34.9	32.0	46.8	
23:30	15:00	38.8	39.9	32.3	57.1	
23:45	15:00	38.5	41.4	33.3	53.2	
00:00	15:00	34.4	35.8	32.5	47.3	
00:15	15:00	35.1	35.7	31.9	48.9	
00:30	15:00	34.9	36.6	32.9	50.5	
00:45	15:00	34.2	35.8	32.3	51.2	
01:00	15:00	34.5	36.0	32.7	55.3	
01:15	15:00	38.7	41.6	33.9	52.5	
01:30	15:00	38.7	41.8	34.9	51.8	
01:45	15:00	40.1	42.1	35.2	55.0	
02:00	15:00	39.6	43.0	34.9	50.3	
02:15	15:00	37.8	40.1	34.4	47.7	
02:30	15:00	37.2	39.1	34.3	54.1	
02:45	15:00	37.5	39.6	34.8	45.8	
03:00	15:00	38.3	40.1	34.9	53.0	
03:15	15:00	38.9	41.1	35.6	51.5	
03:30	15:00	41.9	44.8	37.7	52.5	Rain
03:45	15:00	44.9	46.6	42.3	52.0	Rain
04:00	15:00	44.0	45.4	39.4	59.8	Rain
04:15	15:00	48.4	52.6	37.6	64.7	Rain
04:30	15:00	50.2	54.5	39.2	64.6	Rain
04:45	15:00	45.5	49.1	36.6	63.7	Rain
05:00	15:00	44.0	47.8	35.2	59.2	Rain
05:15	15:00	47.7	51.2	35.2	64.5	Rain
05:30	15:00	48.6	52.4	35.0	64.5	
05:45	15:00	48.1	52.2	34.6	63.3	
06:00	15:00	46.1	49.8	33.9	63.5	
06:15	15:00	46.0	49.2	34.1	64.5	
06:30	15:00	47.5	51.9	36.0	62.5	
06:45	15:00	47.0	50.9	37.2	64.2	
Average 2300-0700		43.9	47.5	35.7	46-65	Excluding Rain
Average 0700-2300		45.3	48.1	35.0	51-77	

Overall Average	42.8	46.2	33.4	36-69	Excluding Rain
Overall Average	46.4	49.1	37.8	50-80	Excluding Rain

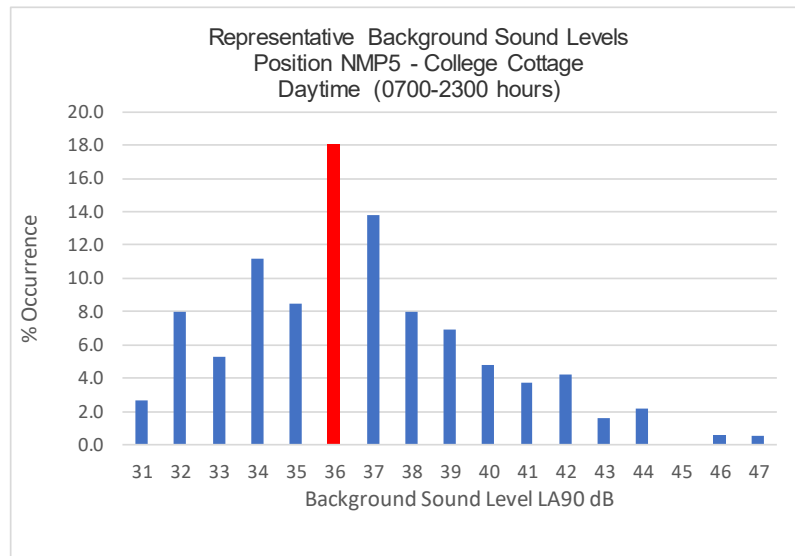
Average 0500-0700	45.5	48.9	34.9	53-67
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	41.3	44.7	32.8	36-69
--------------------------	-------------	-------------	-------------	--------------

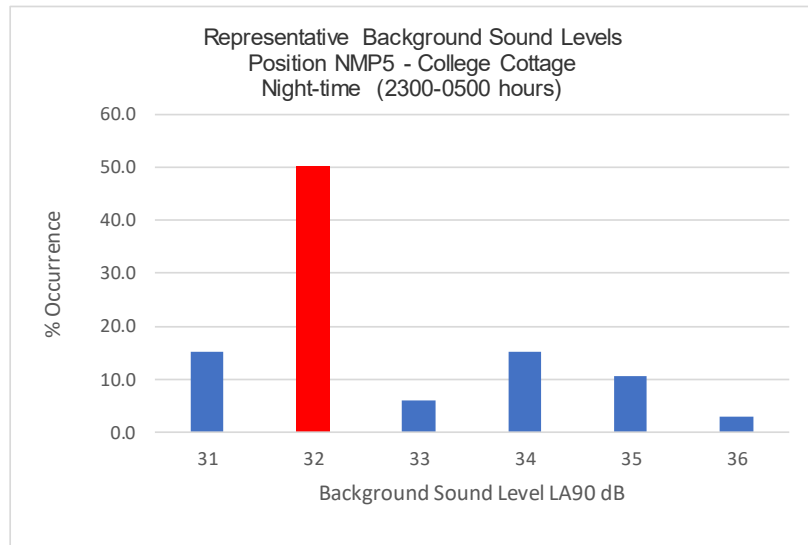
Background Sound Survey: Position NMP5 - College Cottage
Friday 7th - Monday 10th Jne 2024



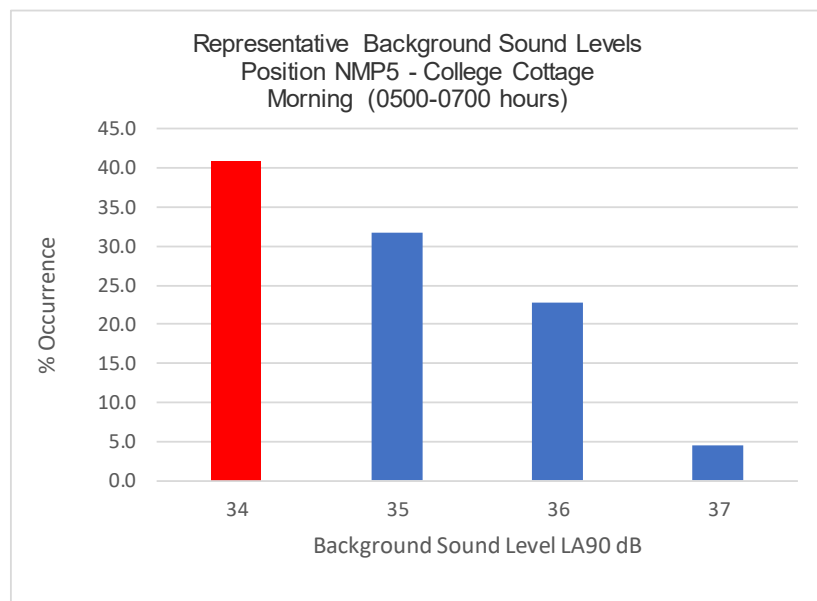
LA90	% Occurrence
31	2.7
32	8.0
33	5.3
34	11.2
35	8.5
36	18.1
37	13.8
38	8.0
39	6.9
40	4.8
41	3.7
42	4.3
43	1.6
44	2.1
45	0.0
46	0.5
47	0.5



LA90	% Occurrence
31	15.2
32	50.0
33	6.1
34	15.2
35	10.6
36	3.0



LA90	% Occurrence
34	40.9
35	31.8
36	22.7
37	4.5



2.7 NMP 6: Pertenhall Road

Noise Survey Results

Date: Friday 17th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**

Instrumentation: Norsonic Real Time Analyser (1405418)

Calibration: 94dB

TABLE 131

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	53.4	57.1	36.7	67.6	
07:15	15:00	54.5	59.1	36.8	69.1	
07:30	15:00	53.3	56.6	37.5	68.5	
07:45	15:00	55.2	56.8	38.8	72.9	
08:00	15:00	53.7	57.5	35.9	68.5	
08:15	15:00	51.8	53.6	36.6	66.5	
08:30	15:00	53.8	52.9	34.4	72.3	
08:45	15:00	55.3	58.0	38.6	73.4	
09:00	15:00	54.2	55.0	35.1	74.2	
09:15	15:00	56.2	55.1	35.7	75.9	
09:30	15:00	57.8	57.4	36.8	82.3	
09:45	15:00	55.0	55.2	34.2	75.2	
10:00	15:00	53.2	54.4	33.8	71.8	
10:15	15:00	50.5	49.1	33.3	72.2	
10:30	15:00	57.1	56.2	33.3	77.4	
10:45	15:00	55.7	56.0	34.3	76.5	
11:00	15:00	54.9	57.1	34.8	73.6	
11:15	15:00	53.3	55.3	35.3	74.4	
11:30	15:00	55.6	58.1	35.8	73.5	
11:45	15:00	54.7	57.9	36.0	70.7	
12:00	15:00	50.9	53.3	32.8	65.2	
12:15	15:00	54.0	55.3	32.5	73.4	
12:30	15:00	57.1	56.3	34.5	80.0	
12:45	15:00	56.4	59.4	34.3	74.9	
13:00	15:00	55.1	55.1	33.3	76.5	
13:15	15:00	56.7	56.6	34.7	77.6	
13:30	15:00	56.3	57.8	34.1	78.3	
13:45	15:00	54.4	57.5	37.0	75.1	
14:00	15:00	55.9	58.4	34.9	75.8	
14:15	15:00	53.6	57.6	40.6	67.5	
14:30	15:00	55.8	59.6	40.4	70.0	
14:45	15:00	56.2	58.3	36.6	75.0	
Average 0700-1500		55.0	56.8	36.1	65-82	

Noise Survey Results

Date: Friday 17th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**
 Instrumentation: Norsonic Real Time Analyser (1405418)
 Calibration: 94dB

TABLE 132

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	56.9	59.6	40.6	75.6	
15:15	15:00	55.8	58.9	38.7	73.6	
15:30	15:00	53.7	57.4	35.6	74.1	
15:45	15:00	56.0	58.5	37.9	79.0	
16:00	15:00	54.3	59.2	37.4	69.4	
16:15	15:00	55.0	60.1	37.2	68.5	
16:30	15:00	54.1	58.7	36.1	70.0	
16:45	15:00	53.4	57.7	35.7	68.9	
17:00	15:00	54.8	59.2	35.2	68.6	
17:15	15:00	53.0	56.5	35.2	69.2	
17:30	15:00	53.7	58.1	35.7	66.8	
17:45	15:00	53.7	57.7	36.6	69.1	
18:00	15:00	57.1	57.1	36.8	80.0	
18:15	15:00	48.9	49.4	34.3	63.8	
18:30	15:00	54.9	57.0	35.9	73.0	
18:45	15:00	64.3	55.9	35.5	89.8	
19:00	15:00	57.0	51.4	33.8	80.4	
19:15	15:00	48.8	48.2	32.5	67.0	
19:30	15:00	51.6	51.4	33.1	70.7	
19:45	15:00	50.8	51.4	33.7	65.2	
20:00	15:00	49.6	50.1	34.3	67.4	
20:15	15:00	50.3	51.2	33.3	68.3	
20:30	15:00	48.7	47.2	32.2	65.3	
20:45	15:00	51.8	47.1	32.6	74.7	
21:00	15:00	48.2	44.8	32.4	65.7	
21:15	15:00	45.2	38.3	32.3	69.0	
21:30	15:00	44.9	37.8	32.4	65.2	
21:45	15:00	44.2	40.5	32.5	62.3	
22:00	15:00	39.8	36.0	32.1	63.3	
22:15	15:00	44.7	36.5	31.6	67.2	
22:30	15:00	42.4	36.0	31.8	63.0	
22:45	15:00	38.0	33.4	31.5	60.6	
Average 1500-2300		54.2	55.3	35.2	61-90	

Noise Survey Results

Date: Friday 17th - Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 133

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**

Instrumentation: Norsonic Real Time Analyser (1405418)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
23:00	15:00	37.4	38.6	30.8	49.4	
23:15	15:00	41.7	31.0	29.0	63.4	
23:30	15:00	32.5	31.2	28.4	46.5	
23:45	15:00	31.6	31.4	29.1	42.9	
00:00	15:00	38.2	41.2	29.3	57.9	
00:15	15:00	30.4	30.7	29.4	38.0	
00:30	15:00	33.5	34.5	29.7	47.6	
00:45	15:00	30.7	32.0	29.6	36.0	
01:00	15:00	30.5	31.0	29.7	43.4	
01:15	15:00	31.7	33.6	29.4	43.3	
01:30	15:00	30.0	31.3	28.6	36.7	
01:45	15:00	30.2	31.4	28.7	37.5	
02:00	15:00	31.1	33.3	28.7	40.5	
02:15	15:00	39.4	40.1	28.5	53.5	
02:30	15:00	29.8	30.9	28.7	36.5	
02:45	15:00	34.8	33.1	28.7	48.2	
03:00	15:00	36.2	40.2	29.2	45.0	
03:15	15:00	40.7	44.6	34.1	47.1	
03:30	15:00	45.4	49.0	38.9	51.3	
03:45	15:00	47.2	50.2	38.7	63.5	
04:00	15:00	48.3	52.0	39.5	57.6	
04:15	15:00	48.0	51.2	35.5	64.1	
04:30	15:00	51.2	46.2	34.9	75.1	
04:45	15:00	43.2	46.7	35.1	50.8	
05:00	15:00	51.9	53.5	35.8	73.6	
05:15	15:00	49.3	48.3	34.9	71.2	
05:30	15:00	51.9	50.9	33.7	71.9	
05:45	15:00	60.1	55.4	34.5	85.8	
06:00	15:00	53.1	51.5	36.4	74.0	
06:15	15:00	53.4	55.0	36.2	70.0	
06:30	15:00	54.0	56.4	37.2	72.4	
06:45	15:00	54.4	57.8	36.3	71.2	
Average 2300-0700		49.4	49.5	34.0	36-86	
Average 0700-2300		54.6	56.1	35.7	61-90	

Noise Survey Results

Date: Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 134

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**

Instrumentation: Norsonic Real Time Analyser (1405418)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	54.6	58.2	35.4	74.2	
07:15	15:00	56.4	60.5	37.9	74.2	
07:30	15:00	56.9	60.6	39.3	76.8	
07:45	15:00	54.5	58.4	39.0	66.9	
08:00	15:00	54.9	59.8	38.4	69.6	
08:15	15:00	54.4	58.1	37.7	67.3	
08:30	15:00	52.6	55.6	36.2	67.0	
08:45	15:00	53.9	58.8	38.0	66.2	
09:00	15:00	54.3	58.7	39.0	68.8	
09:15	15:00	54.8	60.1	38.3	65.6	
09:30	15:00	55.3	60.6	40.7	67.8	
09:45	15:00	55.4	60.8	39.1	66.3	
10:00	15:00	59.5	61.5	38.6	81.7	
10:15	15:00	56.8	61.3	40.0	73.6	
10:30	15:00	65.2	61.8	40.3	90.2	
10:45	15:00	55.9	61.2	40.1	66.2	
11:00	15:00	55.2	61.0	38.4	65.5	
11:15	15:00	55.1	60.3	39.0	66.6	
11:30	15:00	56.8	62.1	40.7	67.5	
11:45	15:00	56.2	61.3	39.6	67.9	
12:00	15:00	55.8	61.3	39.4	67.5	
12:15	15:00	55.3	60.9	36.1	66.8	
12:30	15:00	56.7	61.4	40.5	70.4	
12:45	15:00	54.8	59.0	39.1	69.8	
13:00	15:00	54.9	60.1	37.5	67.6	
13:15	15:00	54.3	59.4	37.4	66.2	
13:30	15:00	58.0	60.2	39.2	81.3	
13:45	15:00	54.4	59.7	39.9	65.5	
14:00	15:00	56.9	61.1	41.7	73.6	
14:15	15:00	54.3	59.3	40.0	65.2	
14:30	15:00	55.3	60.1	40.1	70.8	
14:45	15:00	57.8	60.3	40.2	80.0	
Average 0700-1500		56.7	60.2	39.1	65-90	

Noise Survey Results

Date: Saturday 18th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**
 Instrumentation: Norsonic Real Time Analyser (1405418)
 Calibration: 94dB

TABLE 135

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	55.4	60.4	37.5	68.4	
15:15	15:00	54.9	59.7	37.2	66.9	
15:30	15:00	54.4	59.0	36.4	69.5	
15:45	15:00	55.2	59.8	39.8	70.0	
16:00	15:00	54.5	59.6	40.0	67.7	
16:15	15:00	56.8	60.7	41.8	71.6	
16:30	15:00	59.3	62.7	41.9	74.4	
16:45	15:00	58.0	62.0	42.5	72.6	
17:00	15:00	56.5	61.3	41.8	69.0	
17:15	15:00	57.4	60.7	40.9	75.0	
17:30	15:00	55.1	59.0	39.2	72.8	
17:45	15:00	56.5	59.5	37.6	78.3	
18:00	15:00	53.9	57.7	34.7	69.3	
18:15	15:00	53.6	50.1	34.0	74.7	
18:30	15:00	50.3	52.7	34.2	69.0	
18:45	15:00	51.6	52.8	34.6	66.3	
19:00	15:00	52.7	54.9	36.1	67.9	
19:15	15:00	53.0	55.2	35.3	69.9	
19:30	15:00	53.4	56.2	36.4	68.6	
19:45	15:00	52.8	56.4	35.7	69.8	
20:00	15:00	48.8	47.9	34.0	65.6	
20:15	15:00	50.8	51.1	34.1	67.7	
20:30	15:00	49.2	48.1	33.9	66.9	
20:45	15:00	47.8	46.4	34.5	66.6	
21:00	15:00	49.1	48.2	34.6	66.2	
21:15	15:00	50.2	48.9	35.1	67.9	
21:30	15:00	52.9	56.2	35.7	67.7	
21:45	15:00	47.6	42.4	34.7	64.6	
22:00	15:00	47.4	43.0	34.9	65.6	
22:15	15:00	45.7	42.2	34.3	66.1	
22:30	15:00	48.8	44.3	35.1	67.4	
22:45	15:00	49.3	45.8	35.4	70.6	
Average 1500-2300		53.8	57.2	37.6	65-78	

Noise Survey Results

Date: Saturday 18th - Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 136

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**

Instrumentation: Norsonic Real Time Analyser (1405418)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	48.1	45.5	33.9	65.0	
23:15	15:00	48.2	47.5	33.8	66.8	
23:30	15:00	48.4	47.7	34.2	64.6	
23:45	15:00	50.0	48.4	34.5	69.5	
00:00	15:00	51.6	52.9	34.2	66.5	
00:15	15:00	51.2	50.8	33.0	68.9	
00:30	15:00	32.6	33.1	31.9	33.5	
00:45	15:00	33.4	34.6	32.2	39.0	
01:00	15:00	47.0	40.1	32.0	68.1	
01:15	15:00	31.5	32.5	29.0	52.2	
01:30	15:00	29.9	30.5	29.2	31.3	
01:45	15:00	30.3	31.0	29.6	33.9	
02:00	15:00	30.2	30.9	29.3	35.0	
02:15	15:00	30.0	30.5	29.3	34.1	
02:30	15:00	30.5	31.2	29.6	34.3	
02:45	15:00	30.3	31.1	29.5	33.2	
03:00	15:00	30.2	31.2	28.8	40.1	
03:15	15:00	40.9	44.7	32.7	50.4	
03:30	15:00	46.1	49.5	37.6	56.8	
03:45	15:00	47.3	50.6	38.8	62.8	
04:00	15:00	48.4	52.0	38.7	61.5	
04:15	15:00	50.0	47.9	37.0	74.7	
04:30	15:00	48.5	53.1	35.7	63.3	
04:45	15:00	42.8	46.1	33.2	59.6	
05:00	15:00	48.7	53.5	34.2	57.7	
05:15	15:00	47.6	47.3	34.5	66.4	
05:30	15:00	52.0	53.6	36.0	66.8	
05:45	15:00	46.5	50.1	36.9	58.5	
06:00	15:00	48.6	52.3	35.4	64.4	
06:15	15:00	47.3	49.4	37.0	62.5	
06:30	15:00	50.4	54.3	36.1	65.5	
06:45	15:00	52.0	53.3	36.4	71.7	
Average 2300-0700		47.3	49.1	34.5	31-75	
Average 0700-2300		55.5	59.0	38.4	65-90	

Noise Survey Results

Date: Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 137

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**

Instrumentation: Norsonic Real Time Analyser (1405418)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	48.0	48.4	35.8	66.5	
07:15	15:00	49.2	49.9	38.2	66.3	
07:30	15:00	50.5	53.6	36.6	65.3	
07:45	15:00	51.8	54.5	36.4	68.0	
08:00	15:00	53.1	53.5	35.5	75.9	
08:15	15:00	51.6	54.1	38.0	70.1	
08:30	15:00	54.8	53.6	36.2	76.1	
08:45	15:00	53.0	55.3	38.2	73.2	
09:00	15:00	52.6	54.6	35.9	71.8	
09:15	15:00	52.2	51.7	35.3	73.2	
09:30	15:00	54.5	55.1	36.7	72.5	
09:45	15:00	51.0	52.7	38.2	65.1	
10:00	15:00	52.7	54.0	36.9	72.6	
10:15	15:00	53.1	54.0	38.0	71.7	
10:30	15:00	60.8	55.0	36.8	87.1	
10:45	15:00	52.5	53.1	37.6	71.8	
11:00	15:00	63.1	59.7	35.3	87.9	
11:15	15:00	53.7	56.0	36.3	72.1	
11:30	15:00	53.1	56.8	37.6	67.6	
11:45	15:00	54.4	56.2	38.8	71.9	
12:00	15:00	54.1	54.7	35.4	78.4	
12:15	15:00	62.6	53.5	35.6	88.2	
12:30	15:00	55.7	58.4	39.6	73.6	
12:45	15:00	54.6	56.8	37.6	72.3	
13:00	15:00	54.2	56.9	39.7	71.3	
13:15	15:00	54.2	57.7	38.8	71.7	
13:30	15:00	54.2	55.2	39.4	75.8	
13:45	15:00	54.4	54.8	37.7	73.1	
14:00	15:00	58.2	56.9	37.8	82.9	
14:15	15:00	49.3	51.5	35.5	67.8	
14:30	15:00	52.1	52.7	36.7	70.6	
14:45	15:00	54.9	54.8	37.4	75.2	
Average 0700-1500		55.5	55.1	37.3	65-88	

Noise Survey Results

Date: Sunday 19th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

TABLE 138

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	51.1	53.8	36.6	65.6	
15:15	15:00	50.9	52.0	37.4	67.1	
15:30	15:00	59.1	53.5	36.6	82.7	
15:45	15:00	50.4	52.0	35.5	67.4	
16:00	15:00	53.0	52.5	34.6	73.2	
16:15	15:00	47.7	48.6	32.8	62.7	
16:30	15:00	49.2	49.0	34.7	67.7	
16:45	15:00	50.9	50.9	35.7	67.8	
17:00	15:00	49.2	48.6	35.5	66.2	
17:15	15:00	52.8	55.1	34.3	67.8	
17:30	15:00	49.5	49.5	35.0	67.8	
17:45	15:00	51.5	50.4	35.2	70.4	
18:00	15:00	50.7	53.6	37.1	66.6	
18:15	15:00	52.2	50.6	33.8	76.3	
18:30	15:00	47.6	50.4	33.7	64.3	
18:45	15:00	52.4	51.9	35.5	75.6	
19:00	15:00	49.2	46.7	33.8	71.5	
19:15	15:00	46.2	45.6	33.3	63.3	
19:30	15:00	50.7	48.2	34.3	69.2	
19:45	15:00	46.1	46.3	32.9	62.1	
20:00	15:00	45.5	45.9	32.3	65.7	
20:15	15:00	46.1	45.7	34.0	64.3	
20:30	15:00	43.0	39.4	30.4	62.0	
20:45	15:00	42.8	38.3	30.0	63.0	
21:00	15:00	39.4	34.4	30.2	59.5	
21:15	15:00	36.5	39.5	30.3	50.2	
21:30	15:00	33.0	34.0	31.6	39.4	
21:45	15:00	43.2	36.4	31.7	66.7	
22:00	15:00	40.8	34.6	30.5	63.7	
22:15	15:00	32.4	33.6	30.8	43.1	
22:30	15:00	41.6	33.6	29.1	63.4	
22:45	15:00	41.1	32.5	28.6	64.3	
Average 1500-2300		49.9	49.3	33.9	39-83	

Noise Survey Results

Date: Sunday 19th - Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 139

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
23:00	15:00	29.3	30.0	28.6	32.3	
23:15	15:00	29.3	29.9	28.6	37.7	
23:30	15:00	37.9	32.4	28.6	61.3	
23:45	15:00	29.4	30.0	28.4	37.0	
00:00	15:00	31.3	32.8	28.7	42.9	
00:15	15:00	38.4	32.7	28.8	61.3	
00:30	15:00	33.1	35.5	30.2	39.1	
00:45	15:00	32.9	35.7	29.1	39.0	
01:00	15:00	30.2	32.0	28.3	37.5	
01:15	15:00	28.3	29.2	27.4	31.2	
01:30	15:00	28.9	30.0	27.6	33.6	
01:45	15:00	29.7	30.9	28.3	35.7	
02:00	15:00	31.7	35.5	28.1	36.3	
02:15	15:00	36.0	35.3	29.8	56.4	
02:30	15:00	29.3	30.3	28.1	35.4	
02:45	15:00	40.3	33.6	28.7	62.8	
03:00	15:00	43.6	42.0	28.0	65.6	
03:15	15:00	47.7	48.7	35.1	63.0	
03:30	15:00	48.9	50.3	37.9	68.1	
03:45	15:00	46.8	49.4	37.0	66.7	
04:00	15:00	44.0	47.3	36.0	54.3	
04:15	15:00	43.2	44.1	34.2	64.3	
04:30	15:00	47.2	48.2	35.6	66.6	
04:45	15:00	48.1	47.8	35.5	67.1	
05:00	15:00	47.6	47.1	35.6	65.5	
05:15	15:00	52.4	52.3	36.1	71.0	
05:30	15:00	51.0	50.6	34.7	70.5	
05:45	15:00	51.5	48.0	34.5	71.5	
06:00	15:00	54.9	57.3	35.1	74.1	
06:15	15:00	53.9	57.3	37.5	69.6	
06:30	15:00	53.0	57.2	37.8	66.9	
06:45	15:00	54.3	58.6	37.9	68.8	
Average 2300-0700		47.8	50.0	33.7	32-74	
Average 0700-2300		53.6	53.1	35.9	39-88	

Noise Survey Results

Date: Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 140

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP6 - Pertenhall Road**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

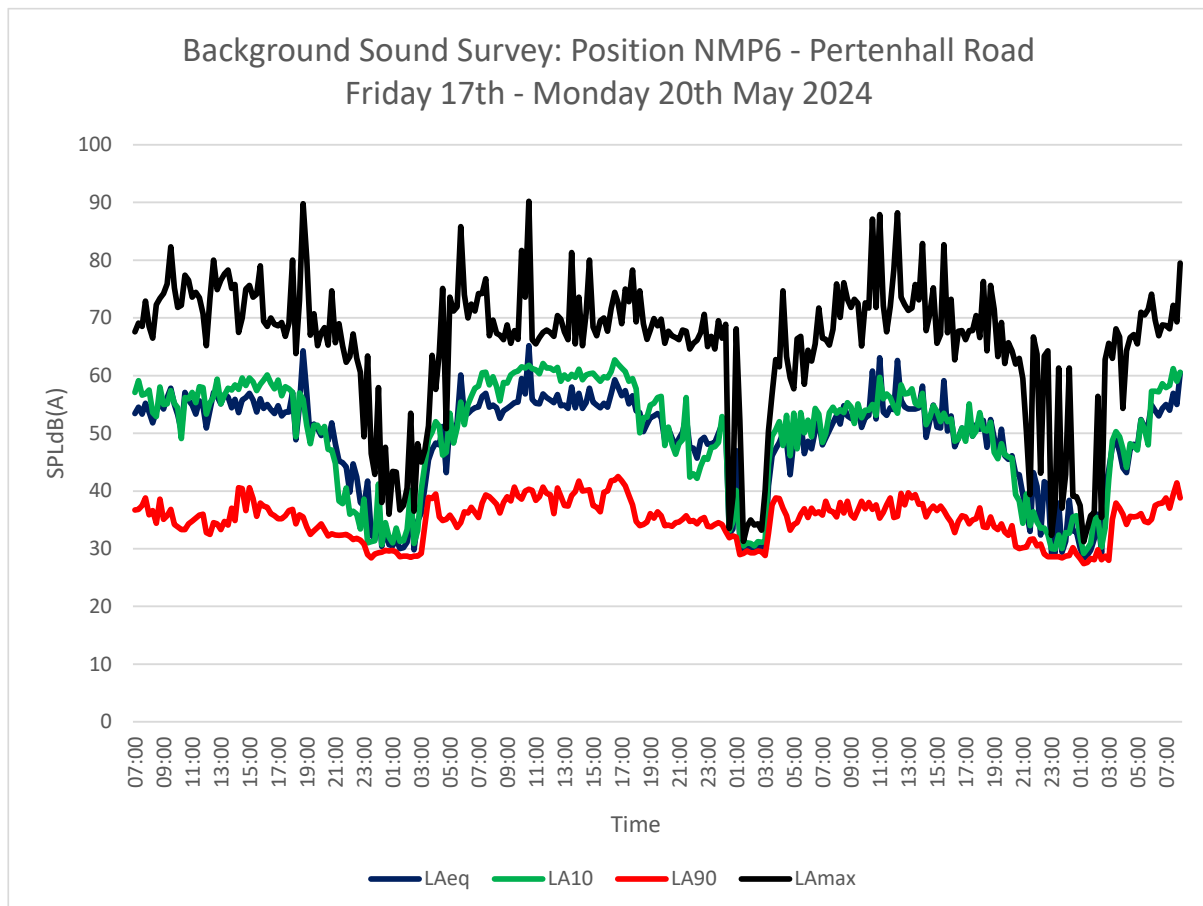
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	55.0	57.9	38.8	68.7	
07:15	15:00	54.0	58.3	37.0	68.1	
07:30	15:00	56.9	61.2	39.4	72.2	
07:45	15:00	55.0	59.0	41.4	69.3	
08:00	15:00	60.5	60.6	38.8	79.5	
Average 0700-0815		56.9	59.5	39.3	59-82	

Overall Average	48.2	49.6	34.1	31-86	
Overall Average	54.7	56.8	36.9	39-90	

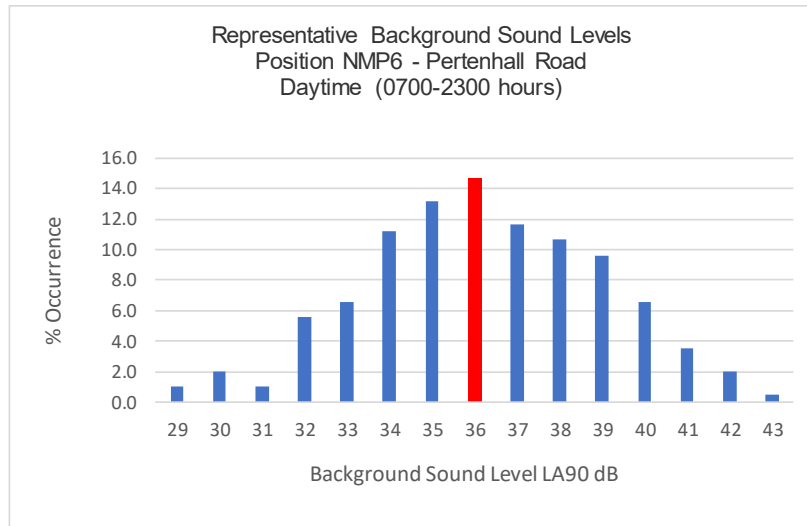
Average 0500-0700	52.8	54.2	36	58-86
--------------------------	-------------	-------------	-----------	--------------

Average 2300-0500	41.4	41.7	30.4	31-75
--------------------------	-------------	-------------	-------------	--------------

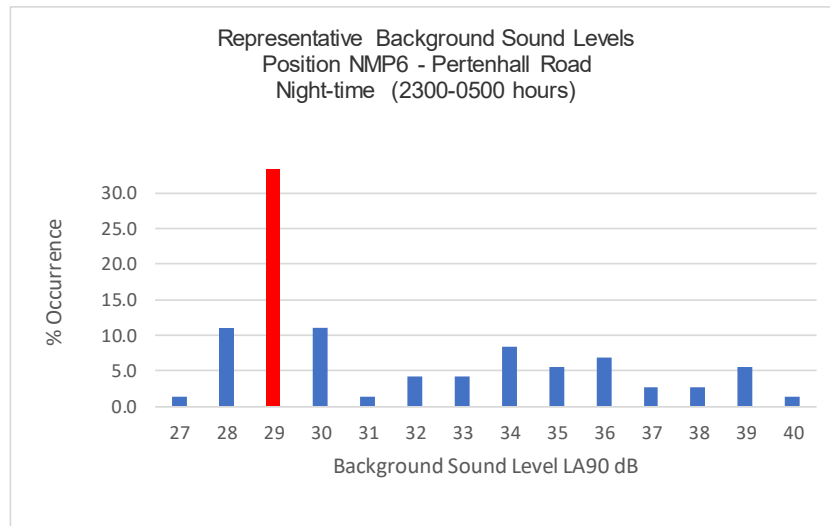


LA90 % Occurrence

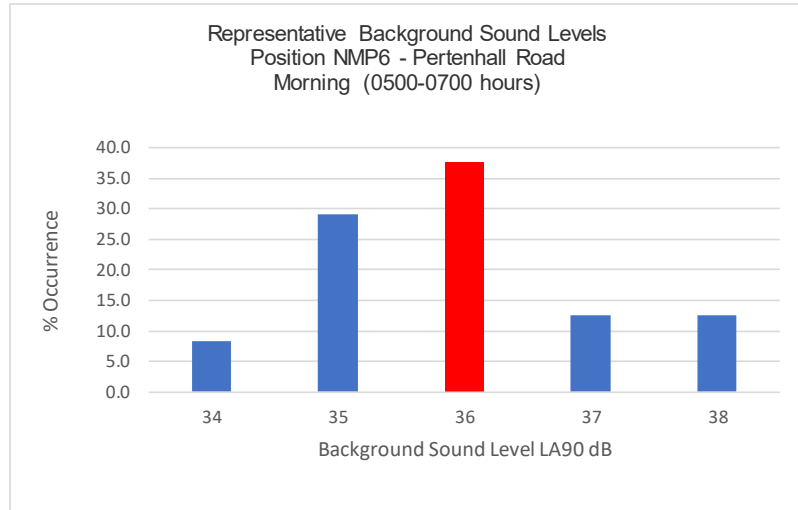
29	1.0
30	2.0
31	1.0
32	5.6
33	6.6
34	11.2
35	13.2
36	14.7
37	11.7
38	10.7
39	9.6
40	6.6
41	3.6
42	2.0
43	0.5


LA90 % Occurrence

27	1.4
28	11.1
29	33.3
30	11.1
31	1.4
32	4.2
33	4.2
34	8.3
35	5.6
36	6.9
37	2.8
38	2.8
39	5.6
40	1.4



LA90	% Occurrence
34	8.3
35	29.2
36	37.5
37	12.5
38	12.5



2.8 NMP 7: Pertenhall Road

Noise Survey Results

Date: Friday 7th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP7 - Pertenhall Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

TABLE 178

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	45.2	45.7	34.6	66.1	Occasional road traffic, birdsong & distant dog barking generally forms the noise climate
07:15	15:00	48.5	48.6	36.2	69.0	
07:30	15:00	42.7	46.1	36.0	55.2	
07:45	15:00	41.7	44.4	36.1	56.2	
08:00	15:00	43.8	46.1	36.6	60.9	
08:15	15:00	41.5	44.4	36.4	52.2	
08:30	15:00	42.3	45.6	36.0	54.2	
08:45	15:00	43.3	45.5	37.4	56.9	
09:00	15:00	41.7	44.9	36.3	54.0	Rain
09:15	15:00	42.7	45.4	36.2	60.6	Rain
09:30	15:00	42.5	45.4	36.4	57.3	
09:45	15:00	41.9	44.7	35.2	60.4	
10:00	15:00	42.1	44.7	34.4	57.8	
10:15	15:00	43.0	45.8	37.7	52.4	
10:30	15:00	42.0	44.3	36.6	53.4	Rain
10:45	15:00	42.6	45.4	36.4	55.5	Rain
11:00	15:00	42.3	45.5	36.6	54.5	
11:15	15:00	41.1	44.2	36.0	56.4	
11:30	15:00	43.0	45.8	36.1	57.8	
11:45	15:00	42.5	45.3	37.6	55.3	
12:00	15:00	43.9	46.8	38.2	61.2	
12:15	15:00	56.1	56.9	37.3	69.6	
12:30	15:00	46.7	49.3	38.6	64.9	
12:45	15:00	45.8	48.4	39.0	61.5	
13:00	15:00	49.7	51.2	39.4	69.0	
13:15	15:00	45.4	48.0	37.6	67.3	
13:30	15:00	43.8	46.8	36.9	60.7	
13:45	15:00	43.0	45.9	36.8	57.5	
14:00	15:00	43.1	45.5	36.2	62.4	
14:15	15:00	43.1	45.9	37.6	56.2	
14:30	15:00	42.1	44.9	37.6	56.0	
14:45	15:00	52.3	53.0	39.1	73.6	
Average 0700-1500		46.5	48.2	37.0	52-74	Excluding Rain

Noise Survey Results

Date: Friday 7th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP7 - Pertenhall Road**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 179

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	44.7	46.8	39.8	59.5	
15:15	15:00	46.4	49.0	41.3	60.5	
15:30	15:00	44.4	46.9	40.2	62.7	
15:45	15:00	47.4	50.5	41.2	59.0	
16:00	15:00	47.3	49.5	40.4	65.4	
16:15	15:00	45.0	47.7	40.1	56.8	
16:30	15:00	43.8	46.4	37.1	63.5	
16:45	15:00	45.4	48.1	40.5	59.8	
17:00	15:00	47.2	50.2	40.8	61.9	
17:15	15:00	45.2	48.4	39.3	57.3	
17:30	15:00	47.7	49.9	39.3	64.8	
17:45	15:00	43.9	46.9	38.9	53.6	
18:00	15:00	44.1	47.1	39.2	55.9	
18:15	15:00	43.4	46.5	38.4	53.4	
18:30	15:00	45.5	44.7	36.6	68.3	
18:45	15:00	42.8	45.8	37.7	56.0	
19:00	15:00	41.4	44.5	36.4	53.3	
19:15	15:00	43.1	46.3	37.1	54.2	
19:30	15:00	40.9	44.0	35.6	54.9	
19:45	15:00	39.2	42.0	34.2	56.2	
20:00	15:00	40.4	42.2	32.9	57.6	
20:15	15:00	40.0	43.8	32.2	54.4	
20:30	15:00	36.6	40.2	29.3	51.7	
20:45	15:00	38.6	42.0	31.1	52.1	
21:00	15:00	39.3	41.7	30.8	56.3	
21:15	15:00	40.1	43.5	29.7	52.5	
21:30	15:00	38.6	41.4	28.5	55.6	
21:45	15:00	34.9	37.7	27.1	49.7	
22:00	15:00	33.1	35.6	22.3	47.8	
22:15	15:00	33.0	36.3	23.3	49.7	
22:30	15:00	36.9	40.2	22.7	51.5	
22:45	15:00	29.0	30.3	22.5	51.1	
Average 1500-2300		43.3	46.0	37.3	48-68	

Noise Survey Results

Date: Friday 7th - Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 180

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP7 - Pertenhall Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	35.8	39.3	23.3	52.0	
23:15	15:00	32.4	34.8	24.2	49.0	
23:30	15:00	28.6	30.7	22.4	44.9	
23:45	15:00	37.0	38.5	21.6	52.5	
00:00	15:00	26.5	28.7	22.6	39.4	
00:15	15:00	32.0	34.2	23.9	50.0	
00:30	15:00	27.5	29.3	24.7	40.9	
00:45	15:00	32.8	35.9	24.6	49.9	
01:00	15:00	33.7	38.4	24.3	48.1	
01:15	15:00	31.2	34.4	23.5	46.9	
01:30	15:00	40.3	34.3	23.6	56.1	
01:45	15:00	34.5	39.0	21.3	51.4	
02:00	15:00	27.8	29.8	21.6	43.4	
02:15	15:00	23.6	25.3	21.2	36.5	
02:30	15:00	27.4	29.3	21.0	44.0	
02:45	15:00	25.5	27.3	22.7	50.5	
03:00	15:00	28.7	30.2	23.2	41.3	
03:15	15:00	26.6	28.2	23.3	39.4	
03:30	15:00	33.9	37.8	23.7	51.5	
03:45	15:00	39.7	43.2	30.9	51.0	
04:00	15:00	41.7	43.9	34.7	64.7	
04:15	15:00	39.5	42.6	33.4	54.0	
04:30	15:00	40.0	42.9	34.5	52.4	
04:45	15:00	39.9	42.6	34.6	55.0	
05:00	15:00	40.4	43.4	34.7	53.8	
05:15	15:00	40.7	43.5	34.1	58.8	
05:30	15:00	42.7	45.3	35.0	62.6	
05:45	15:00	40.3	43.3	33.2	57.6	
06:00	15:00	39.2	42.0	33.6	59.7	
06:15	15:00	40.5	43.8	33.5	54.2	
06:30	15:00	42.5	43.9	33.1	58.7	
06:45	15:00	43.9	45.0	34.6	59.6	
Average 2300-0700		38.0	40.4	30.5	37-65	
Average 0700-2300		45.1	47.1	37.2	48-88	

Noise Survey Results

Date: Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 181

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP7 - Pertenhall Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	43.6	44.7	35.5	66.5	
07:15	15:00	43.0	44.3	34.6	63.9	
07:30	15:00	42.4	45.8	34.9	59.1	
07:45	15:00	42.0	45.5	34.0	57.2	
08:00	15:00	44.9	47.3	33.2	67.5	
08:15	15:00	46.9	49.1	33.2	64.8	
08:30	15:00	41.8	44.1	33.4	57.8	
08:45	15:00	45.4	44.7	35.4	72.5	
09:00	15:00	42.8	45.4	38.0	54.3	
09:15	15:00	42.8	45.5	36.5	57.5	
09:30	15:00	44.1	46.7	38.7	65.0	
09:45	15:00	47.5	46.7	37.4	68.3	
10:00	15:00	45.2	47.1	38.0	66.3	
10:15	15:00	42.0	44.7	37.5	52.4	
10:30	15:00	42.9	45.5	37.2	61.8	
10:45	15:00	49.4	50.7	42.8	68.3	
11:00	15:00	45.2	47.8	40.1	55.4	
11:15	15:00	44.7	47.5	37.2	67.1	
11:30	15:00	42.3	45.6	35.9	54.9	
11:45	15:00	43.4	45.4	33.5	59.4	
12:00	15:00	50.9	46.8	35.5	77.7	
12:15	15:00	45.1	48.4	35.9	62.6	
12:30	15:00	43.2	45.9	33.3	59.8	
12:45	15:00	42.2	45.1	36.6	59.9	
13:00	15:00	47.3	50.6	35.6	64.7	
13:15	15:00	51.8	50.1	36.0	73.3	
13:30	15:00	44.3	45.9	37.9	59.5	
13:45	15:00	43.9	46.6	37.7	62.5	
14:00	15:00	45.0	47.1	37.6	60.0	
14:15	15:00	46.0	49.1	35.0	64.9	
14:30	15:00	43.9	47.0	39.0	54.2	
14:45	15:00	47.6	50.7	39.9	63.4	
Average 0700-1500		45.6	47.2	37.0	52-78	

Noise Survey Results

Date: Saturday 8th June 2024 TABLE 182
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP7 - Pertenhall Road**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	48.2	50.2	39.7	63.5	
15:15	15:00	45.5	47.3	39.1	61.7	
15:30	15:00	44.1	47.1	38.2	57.3	
15:45	15:00	45.3	48.7	37.9	52.6	
16:00	15:00	40.6	42.9	37.3	51.1	
16:15	15:00	46.6	49.5	37.1	68.8	
16:30	15:00	43.1	46.4	38.4	52.7	
16:45	15:00	41.5	43.7	38.2	50.6	
17:00	15:00	43.8	47.0	37.8	63.9	
17:15	15:00	43.6	46.3	37.7	63.5	
17:30	15:00	41.0	43.9	36.5	63.1	
17:45	15:00	44.4	47.2	36.9	58.9	
18:00	15:00	39.5	42.1	36.3	50.2	
18:15	15:00	41.0	43.8	35.6	61.6	
18:30	15:00	39.4	41.7	34.4	61.5	
18:45	15:00	42.2	45.0	34.6	54.0	
19:00	15:00	42.5	45.7	34.2	65.3	
19:15	15:00	37.9	41.0	33.1	52.9	
19:30	15:00	40.3	43.1	32.2	56.7	
19:45	15:00	43.6	46.4	32.4	65.0	
20:00	15:00	42.7	45.6	32.6	59.1	
20:15	15:00	39.3	40.1	31.4	56.7	
20:30	15:00	41.6	44.2	30.6	59.9	
20:45	15:00	43.7	46.3	30.2	66.3	
21:00	15:00	42.7	44.2	30.0	55.0	
21:15	15:00	44.2	46.8	29.7	58.9	
21:30	15:00	40.7	43.7	29.1	61.1	
21:45	15:00	35.8	38.7	28.8	62.6	
22:00	15:00	31.8	34.2	27.8	47.2	
22:15	15:00	35.6	38.4	25.6	52.0	
22:30	15:00	26.8	29.6	22.5	44.7	
22:45	15:00	39.6	40.3	24.5	61.7	
Average 1500-2300		42.6	45.2	35.2	45-69	

Noise Survey Results

Date: Saturday 8th - Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 183

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP7 - Pertenhall Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	31.8	33.9	23.1	51.2	
23:15	15:00	35.9	38.5	25.6	47.2	
23:30	15:00	36.8	39.3	24.9	48.8	
23:45	15:00	32.6	35.7	25.6	53.6	
00:00	15:00	27.8	30.0	22.8	45.3	
00:15	15:00	32.4	35.1	25.9	47.9	
00:30	15:00	30.6	33.2	24.2	50.7	
00:45	15:00	30.4	33.1	23.7	49.5	
01:00	15:00	28.0	31.0	23.1	46.5	
01:15	15:00	31.9	35.1	24.8	47.0	
01:30	15:00	29.8	32.0	23.9	43.3	
01:45	15:00	29.8	32.8	23.5	41.7	
02:00	15:00	34.0	37.0	24.6	51.4	
02:15	15:00	27.7	30.8	23.0	32.9	
02:30	15:00	26.8	26.0	22.7	32.4	
02:45	15:00	25.8	28.8	22.7	42.7	
03:00	15:00	28.9	29.3	23.1	33.6	
03:15	15:00	28.8	31.0	24.8	35.2	
03:30	15:00	29.3	30.1	26.7	34.1	
03:45	15:00	34.9	37.7	29.8	57.1	
04:00	15:00	43.7	45.5	33.4	61.2	
04:15	15:00	39.5	43.3	32.6	61.2	
04:30	15:00	42.4	46.0	35.1	59.3	
04:45	15:00	34.3	37.7	34.7	56.8	
05:00	15:00	40.2	42.6	34.3	59.4	
05:15	15:00	40.0	43.4	33.2	58.5	
05:30	15:00	36.9	39.7	35.1	56.8	
05:45	15:00	39.8	42.6	34.8	52.8	
06:00	15:00	41.6	44.1	34.9	48.2	
06:15	15:00	41.8	45.1	35.2	59.2	
06:30	15:00	43.7	47.0	33.4	59.7	
06:45	15:00	41.2	42.5	32.8	58.3	
Average 2300-0700		37.5	40.3	30.7	32-61	
Average 0700-2300		44.4	46.3	36.2	45-78	

Noise Survey Results

Date: Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 184

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP7 - Pertenhall Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	38.0	39.1	33.4	59.1	
07:15	15:00	46.5	50.0	35.1	70.3	
07:30	15:00	37.8	40.2	36.0	52.8	
07:45	15:00	43.4	45.5	36.2	52.2	
08:00	15:00	43.7	45.2	34.1	57.9	
08:15	15:00	39.1	41.3	33.3	51.5	
08:30	15:00	40.3	42.5	34.6	50.7	
08:45	15:00	41.7	43.5	35.7	52.4	
09:00	15:00	42.3	45.4	36.7	53.7	
09:15	15:00	37.2	41.9	34.1	50.9	
09:30	15:00	42.8	46.0	36.6	58.7	
09:45	15:00	42.3	36.3	36.7	58.2	
10:00	15:00	42.7	47.2	37.2	62.3	
10:15	15:00	44.7	46.7	38.1	62.0	
10:30	15:00	43.8	45.5	37.6	51.2	
10:45	15:00	44.6	46.5	37.8	53.7	
11:00	15:00	42.7	44.5	38.1	62.3	
11:15	15:00	39.4	40.9	36.7	51.4	
11:30	15:00	44.0	45.6	36.3	53.2	
11:45	15:00	44.2	48.1	35.5	56.4	
12:00	15:00	46.4	49.9	36.7	61.9	
12:15	15:00	39.4	40.5	35.9	46.7	
12:30	15:00	38.4	41.5	33.4	55.3	
12:45	15:00	51.8	54.7	36.7	63.6	
13:00	15:00	49.4	52.1	35.7	67.2	
13:15	15:00	40.4	43.4	36.4	52.2	
13:30	15:00	45.4	48.2	38.0	60.3	
13:45	15:00	45.5	48.1	37.8	59.5	
14:00	15:00	47.3	50.3	37.3	54.6	
14:15	15:00	39.5	42.3	35.3	50.8	
14:30	15:00	45.0	48.3	39.2	60.8	
14:45	15:00	46.3	47.7	38.8	61.2	
Average 0700-1500		44.4	47.0	36.5	47-70	

Noise Survey Results

Date: Sunday 9th June 2024 TABLE 185
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP7 - Pertenhall Road**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	43.9	45.0	39.2	52.8	
15:15	15:00	39.7	39.7	39.1	57.8	
15:30	15:00	51.0	52.1	38.5	62.7	
15:45	15:00	44.6	45.9	37.7	53.3	
16:00	15:00	45.6	49.0	36.7	62.5	
16:15	15:00	43.2	46.7	37.3	55.7	
16:30	15:00	48.4	49.2	37.8	69.4	
16:45	15:00	47.7	48.8	37.8	52.0	
17:00	15:00	43.5	46.6	37.7	63.8	
17:15	15:00	40.9	44.5	36.5	51.1	
17:30	15:00	40.4	42.9	36.9	57.2	
17:45	15:00	42.2	45.8	36.3	55.2	
18:00	15:00	46.6	44.1	35.6	72.2	
18:15	15:00	39.9	42.8	34.4	55.8	
18:30	15:00	42.0	45.0	34.6	57.5	
18:45	15:00	43.1	43.9	34.2	63.5	
19:00	15:00	42.7	45.9	33.1	60.7	
19:15	15:00	42.4	44.5	32.2	64.6	
19:30	15:00	39.5	42.9	32.4	51.9	
19:45	15:00	44.5	48.4	32.6	60.3	
20:00	15:00	46.8	51.5	31.4	59.8	
20:15	15:00	47.0	52.0	30.6	59.3	
20:30	15:00	45.1	48.5	30.2	59.6	
20:45	15:00	45.5	49.3	30.0	58.5	
21:00	15:00	48.0	52.7	30.8	61.4	
21:15	15:00	46.7	51.2	29.7	60.7	
21:30	15:00	43.8	48.5	28.5	58.6	
21:45	15:00	34.3	37.1	27.1	49.0	
22:00	15:00	32.9	35.2	22.3	45.8	
22:15	15:00	33.6	35.7	23.3	46.0	
22:30	15:00	37.5	41.2	22.7	50.4	
22:45	15:00	33.5	36.0	22.5	49.7	
Average 1500-2300		44.5	47.4	34.8	46-72	

Noise Survey Results

Date: Sunday 9th - Monday 10th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 186

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP7 - Pertenhall Road**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

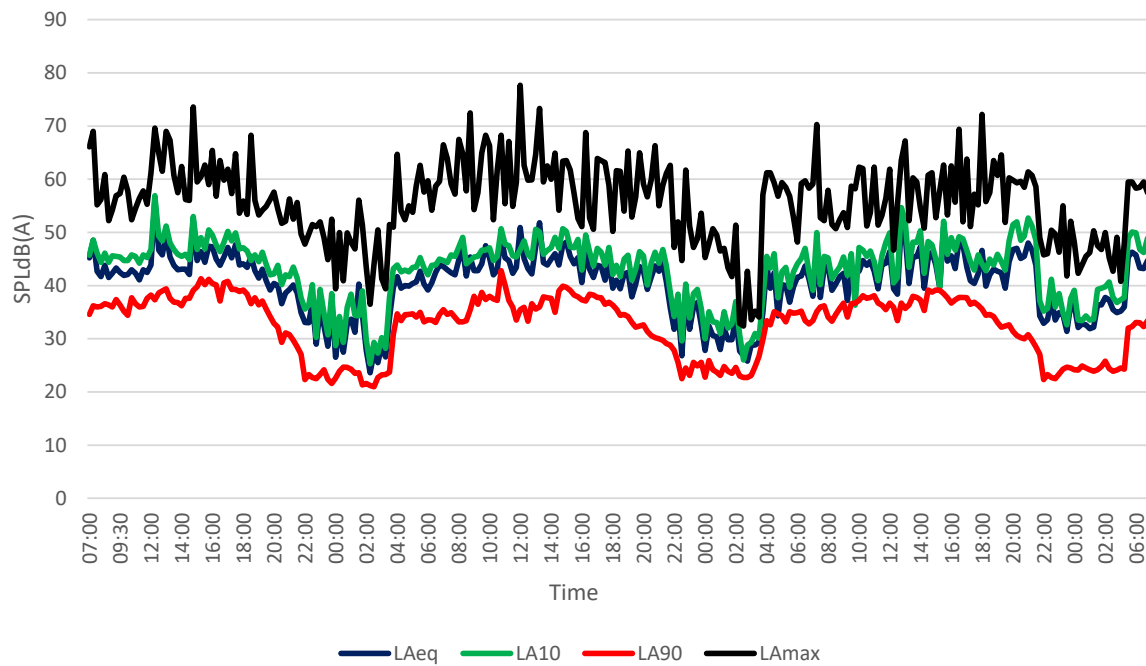
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
23:00	15:00	34.9	38.5	23.4	46.3	
23:15	15:00	34.5	34.9	24.3	55.0	
23:30	15:00	31.4	32.6	24.7	41.8	
23:45	15:00	36.5	37.6	24.5	52.1	
00:00	15:00	36.2	39.1	24.2	48.2	
00:15	15:00	32.1	33.5	24.1	42.3	
00:30	15:00	32.8	33.4	24.9	43.9	
00:45	15:00	32.6	34.3	24.5	45.5	
01:00	15:00	31.9	33.5	24.2	46.2	
01:15	15:00	32.2	33.7	23.9	50.3	
01:30	15:00	36.4	39.3	24.2	47.5	
01:45	15:00	36.4	39.5	24.8	46.8	
02:00	15:00	37.8	39.8	25.8	50.0	
02:15	15:00	37.3	40.7	24.4	45.3	
02:30	15:00	35.5	37.8	23.9	42.7	
02:45	15:00	34.9	36.8	24.1	49.1	
03:00	15:00	35.2	37.3	24.5	40.8	
03:15	15:00	36.0	37.8	24.3	48.0	
03:30	15:00	36.6	38.8	23.6	46.5	Rain
03:45	15:00	39.6	42.5	25.6	47.5	Rain
04:00	15:00	42.6	44.3	29.3	47.0	Rain
04:15	15:00	41.7	43.1	30.3	54.8	Rain
04:30	15:00	46.1	50.3	30.4	59.7	Rain
04:45	15:00	47.9	52.2	32.2	59.6	Rain
05:00	15:00	43.2	46.8	33.4	58.7	Rain
05:15	15:00	41.7	45.5	30.2	54.2	Rain
05:30	15:00	45.4	48.9	32.0	59.5	
05:45	15:00	46.3	50.1	32.3	59.5	
06:00	15:00	45.8	49.9	33.1	58.3	
06:15	15:00	43.3	46.8	33.0	58.5	
06:30	15:00	43.2	46.2	32.3	59.5	
06:45	15:00	44.7	48.9	33.4	57.5	
Average 2300-0700		41.2	44.8	28.8	41-60	Excluding Rain
Average 0700-2300		44.5	47.2	35.7	43-72	

Overall Average	38.5	41.5	30.1	32-65	Excluding Rain
Overall Average	44.6	46.9	36.4	43-88	Excluding Rain

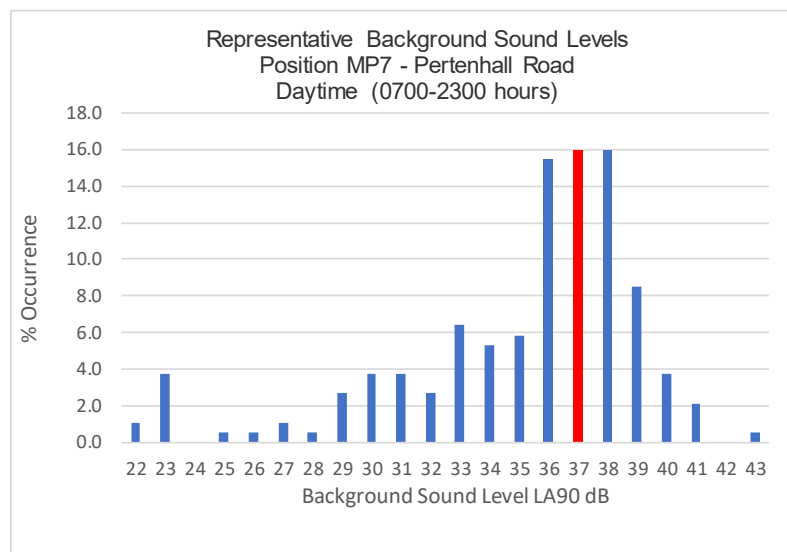
Average 0500-0700	42.2	45.4	33.4	48-63
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	35.4	37.9	27.5	32-65
--------------------------	-------------	-------------	-------------	--------------

Background Sound Survey: Position NMP7 - Pertenhall Road
Friday 7th - Monday 10th Jne 2024

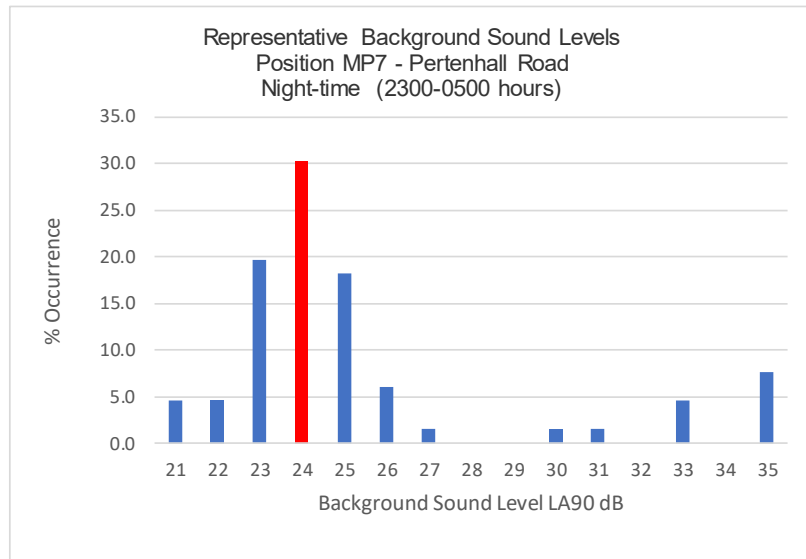


LA90	% Occurrence
22	1.1
23	3.7
24	0.0
25	0.5
26	0.5
27	1.1
28	0.5
29	2.7
30	3.7
31	3.7
32	2.7
33	6.4
34	5.3
35	5.9
36	15.4
37	16.0
38	16.0
39	8.5
40	3.7
41	2.1
42	0.0
43	0.5

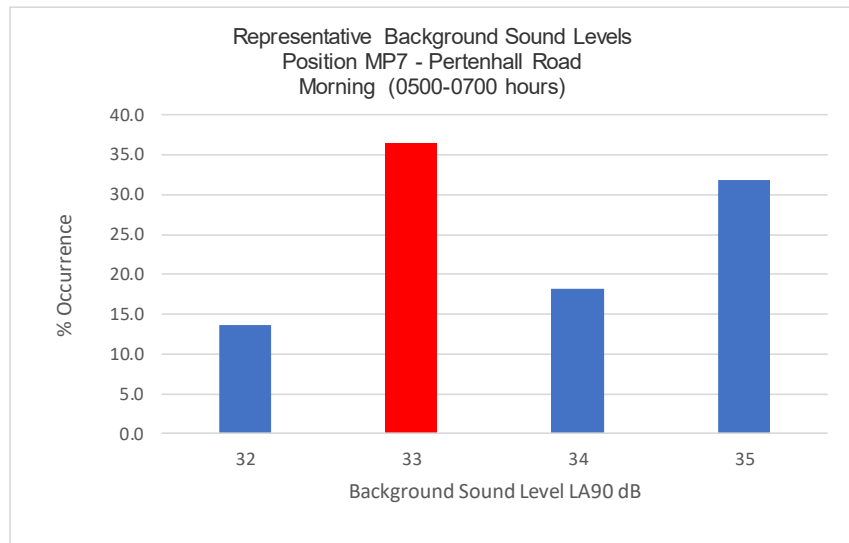


LA90 % Occurrence

21	4.5
22	4.5
23	19.7
24	30.3
25	18.2
26	6.1
27	1.5
28	0.0
29	0.0
30	1.5
31	1.5
32	0.0
33	4.5
34	0.0
35	7.6


LA90 % Occurrence

32	13.6
33	36.4
34	18.2
35	31.8



2.9 NMP 8: Mill Lane

Noise Survey Results

Date: Friday 7th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP8 - Mill Lane**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

TABLE 160

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	46.2	49.9	32.3	64.1	Occasional road traffic, birdsong & distant dog barking generally forms the noise climate
07:15	15:00	43.7	47.2	33.2	61.0	
07:30	15:00	47.2	47.6	34.1	74.2	
07:45	15:00	44.5	47.9	34.5	61.9	
08:00	15:00	48.5	52.2	37.0	63.8	
08:15	15:00	47.5	50.9	35.5	68.2	
08:30	15:00	44.4	45.9	33.5	64.5	
08:45	15:00	47.1	46.8	35.9	69.5	
09:00	15:00	42.3	44.7	33.7	59.6	Rain
09:15	15:00	39.3	42.0	32.3	56.5	Rain
09:30	15:00	39.0	41.6	33.5	55.3	
09:45	15:00	43.1	44.7	33.4	62.5	
10:00	15:00	46.0	43.5	32.4	69.0	
10:15	15:00	43.6	44.6	32.8	65.8	
10:30	15:00	40.2	41.7	32.5	63.1	Rain
10:45	15:00	45.7	48.3	34.1	64.3	Rain
11:00	15:00	46.2	49.9	35.0	62.6	
11:15	15:00	57.6	49.6	34.8	79.7	
11:30	15:00	40.7	42.9	35.3	59.9	
11:45	15:00	42.5	45.7	35.1	57.2	
12:00	15:00	42.1	44.5	34.8	60.8	
12:15	15:00	45.1	45.9	35.4	67.0	
12:30	15:00	50.6	48.8	34.8	70.0	
12:45	15:00	42.5	44.1	34.7	66.7	
13:00	15:00	46.1	46.9	36.7	64.3	
13:15	15:00	44.9	45.9	34.6	64.6	
13:30	15:00	41.5	44.0	33.8	59.9	
13:45	15:00	39.8	42.3	32.4	55.3	
14:00	15:00	40.0	42.9	35.1	53.0	
14:15	15:00	42.9	46.1	35.4	56.7	
14:30	15:00	42.9	44.1	36.9	62.1	
14:45	15:00	49.9	51.5	36.5	68.0	
Average 0700-1500		47.3	47.3	34.8	53-78	Excluding Rain

Noise Survey Results

Date: Friday 7th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP8 - Mill Lane**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 161

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	42.3	45.0	37.6	54.0	
15:15	15:00	42.4	44.7	37.5	55.8	
15:30	15:00	46.4	45.2	37.9	69.5	
15:45	15:00	44.8	46.7	38.2	64.6	
16:00	15:00	46.5	47.5	39.0	70.0	
16:15	15:00	44.5	43.6	36.4	69.3	
16:30	15:00	41.7	43.2	35.4	61.2	
16:45	15:00	43.7	45.6	37.8	62.7	
17:00	15:00	44.2	44.9	37.0	64.5	
17:15	15:00	45.6	46.4	38.6	67.3	
17:30	15:00	49.0	47.4	38.8	70.5	
17:45	15:00	43.4	46.1	37.1	61.2	
18:00	15:00	50.9	52.2	38.9	70.9	
18:15	15:00	49.3	47.5	36.3	70.3	
18:30	15:00	40.6	42.9	35.0	58.2	
18:45	15:00	49.8	53.1	37.0	65.4	
19:00	15:00	41.5	44.5	35.0	60.1	
19:15	15:00	47.2	48.7	34.6	69.9	
19:30	15:00	46.9	51.6	33.3	61.9	
19:45	15:00	43.0	47.5	28.9	60.9	
20:00	15:00	43.5	40.4	29.3	67.1	
20:15	15:00	39.2	42.2	29.2	61.0	
20:30	15:00	34.4	36.2	28.3	54.1	
20:45	15:00	36.7	40.2	28.1	56.6	
21:00	15:00	33.6	36.7	28.0	49.0	
21:15	15:00	37.3	40.6	27.9	50.0	
21:30	15:00	36.5	40.5	26.7	52.5	
21:45	15:00	39.8	37.5	25.5	65.2	
22:00	15:00	33.6	36.9	24.2	52.3	
22:15	15:00	41.4	34.2	23.5	68.7	
22:30	15:00	37.5	40.9	23.4	53.1	
22:45	15:00	28.7	30.8	23.9	47.9	
Average 1500-2300		44.5	46.0	35.2	48-71	

Noise Survey Results

Date: Friday 7th - Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP8 - Mill Lane**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

TABLE 162

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	35.6	39.9	23.3	49.6	
23:15	15:00	33.7	35.7	24.0	54.6	
23:30	15:00	30.1	31.7	24.5	53.8	
23:45	15:00	37.3	39.6	23.4	53.5	
00:00	15:00	27.4	28.7	23.6	46.7	
00:15	15:00	38.2	31.9	24.7	65.5	
00:30	15:00	29.5	30.8	24.9	52.8	
00:45	15:00	32.2	36.0	24.6	48.5	
01:00	15:00	33.5	37.8	25.3	47.8	
01:15	15:00	30.3	33.3	24.4	44.7	
01:30	15:00	40.7	40.6	23.9	60.8	
01:45	15:00	34.3	39.2	22.6	47.6	
02:00	15:00	28.3	29.5	23.5	41.9	
02:15	15:00	23.8	25.3	21.8	33.0	
02:30	15:00	25.3	27.0	21.2	43.6	
02:45	15:00	25.6	26.9	23.9	39.5	
03:00	15:00	28.6	29.5	24.4	40.9	
03:15	15:00	26.3	28.1	23.3	39.0	
03:30	15:00	25.4	26.7	23.5	37.6	
03:45	15:00	53.1	46.5	27.8	77.9	
04:00	15:00	33.8	35.5	27.5	51.4	
04:15	15:00	32.5	34.9	28.4	45.8	
04:30	15:00	35.2	37.1	29.8	54.7	
04:45	15:00	36.5	38.9	30.3	53.9	
05:00	15:00	37.8	39.6	29.8	55.4	
05:15	15:00	44.8	40.9	29.7	74.3	
05:30	15:00	40.8	42.8	30.6	63.0	
05:45	15:00	35.3	36.8	28.8	57.2	
06:00	15:00	36.6	37.4	29.6	57.7	
06:15	15:00	40.7	41.5	31.7	63.2	
06:30	15:00	41.0	41.5	31.2	63.7	
06:45	15:00	44.5	43.9	30.8	69.3	
Average 2300-0700		40.6	38.5	27.2	33-78	
Average 0700-2300		46.0	46.6	35.0	48-78	

Noise Survey Results

Date: Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 163

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP8 - Mill Lane**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	45.8	45.5	31.5	69.7	
07:15	15:00	40.2	42.0	30.5	60.9	
07:30	15:00	38.6	41.8	30.3	59.3	
07:45	15:00	39.0	43.0	29.3	55.3	
08:00	15:00	38.5	41.1	30.3	58.2	
08:15	15:00	44.8	41.2	31.4	69.2	
08:30	15:00	41.3	42.1	30.9	65.9	
08:45	15:00	55.4	46.8	32.8	78.3	
09:00	15:00	41.6	41.8	34.4	63.7	
09:15	15:00	40.3	42.5	33.8	59.4	
09:30	15:00	41.2	43.9	35.7	57.3	
09:45	15:00	39.2	41.1	33.2	58.8	
10:00	15:00	40.2	40.7	33.1	61.5	
10:15	15:00	60.6	48.9	33.9	87.9	
10:30	15:00	44.5	41.5	35.2	68.8	
10:45	15:00	49.3	51.7	39.4	67.6	
11:00	15:00	42.7	44.8	36.6	65.1	
11:15	15:00	37.6	39.5	33.6	49.9	
11:30	15:00	42.2	43.5	33.4	64.7	
11:45	15:00	40.4	39.6	31.3	64.1	
12:00	15:00	37.3	39.2	31.7	55.8	
12:15	15:00	43.3	44.2	31.9	61.9	
12:30	15:00	40.7	44.0	32.9	55.3	
12:45	15:00	37.3	40.4	31.8	49.0	
13:00	15:00	43.5	47.0	34.9	61.0	
13:15	15:00	46.2	47.6	36.0	65.7	
13:30	15:00	40.2	42.1	34.0	56.8	
13:45	15:00	40.0	42.6	35.0	53.8	
14:00	15:00	41.8	44.3	36.8	57.0	
14:15	15:00	43.4	46.4	36.5	57.5	
14:30	15:00	42.2	44.8	37.6	53.1	
14:45	15:00	42.9	44.7	36.8	61.3	
Average 0700-1500		48.0	44.5	34.3	49-88	

Noise Survey Results

Date: Saturday 8th June 2024

TABLE 164

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP8 - Mill Lane**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	43.6	43.9	36.6	61.1	
15:15	15:00	42.5	44.8	36.5	59.1	
15:30	15:00	40.7	42.7	35.0	62.4	
15:45	15:00	42.0	44.2	37.7	55.3	
16:00	15:00	40.6	43.6	34.5	57.2	
16:15	15:00	43.8	46.9	34.7	63.0	
16:30	15:00	40.3	43.1	34.2	56.7	
16:45	15:00	41.4	43.1	35.3	62.7	
17:00	15:00	47.1	50.4	36.6	64.7	
17:15	15:00	49.1	50.3	39.4	74.9	
17:30	15:00	43.3	46.2	36.8	60.5	
17:45	15:00	44.0	47.7	34.2	59.8	
18:00	15:00	50.1	54.5	35.4	63.9	
18:15	15:00	41.6	44.8	32.8	57.0	
18:30	15:00	43.0	42.8	33.0	64.7	
18:45	15:00	38.7	40.8	33.3	57.6	
19:00	15:00	38.4	40.4	32.3	59.9	
19:15	15:00	38.3	38.4	29.6	63.2	
19:30	15:00	39.4	38.6	30.1	56.7	
19:45	15:00	42.5	37.3	29.0	67.4	
20:00	15:00	35.0	34.4	28.1	60.7	
20:15	15:00	34.8	36.3	26.1	55.7	
20:30	15:00	46.0	43.8	26.4	66.4	
20:45	15:00	41.4	43.0	25.8	60.4	
21:00	15:00	39.9	44.0	26.2	54.8	
21:15	15:00	33.1	34.4	25.6	53.8	
21:30	15:00	34.3	35.5	25.2	56.7	
21:45	15:00	30.2	32.2	25.3	49.6	
22:00	15:00	29.3	31.8	25.7	47.7	
22:15	15:00	27.7	31.5	24.4	44.4	
22:30	15:00	28.6	31.7	24.6	46.8	
22:45	15:00	29.7	32.7	25.2	46.5	
Average 1500-2300		42.5	44.9	33.3	44-75	

Noise Survey Results

Date: Saturday 8th - Sunday 9th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP8 - Mill Lane**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 165

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	31.0	33.5	25.3	48.6	
23:15	15:00	27.8	29.9	24.1	44.8	
23:30	15:00	28.6	31.0	24.4	46.5	
23:45	15:00	28.5	28.9	24.2	40.1	
00:00	15:00	29.1	30.2	24.7	34.7	
00:15	15:00	29.2	32.5	24.6	44.4	
00:30	15:00	30.2	32.0	25.7	48.5	
00:45	15:00	27.6	31.1	23.6	47.2	
01:00	15:00	25.0	24.1	21.4	45.8	
01:15	15:00	28.4	33.3	21.3	44.3	
01:30	15:00	27.8	30.0	21.5	42.6	
01:45	15:00	28.0	26.5	21.2	51.7	
02:00	15:00	26.7	28.2	22.5	41.4	
02:15	15:00	27.8	28.4	23.7	39.3	
02:30	15:00	26.7	28.1	23.6	43.2	
02:45	15:00	24.8	25.3	23.1	38.2	
03:00	15:00	24.6	26.5	21.3	37.0	
03:15	15:00	27.6	28.2	23.4	36.8	
03:30	15:00	29.7	30.0	23.8	40.6	
03:45	15:00	33.9	36.7	26.6	53.6	
04:00	15:00	37.3	35.9	27.7	61.6	
04:15	15:00	32.5	34.8	28.0	49.5	
04:30	15:00	41.0	42.4	29.3	59.7	
04:45	15:00	36.0	39.0	29.4	50.2	
05:00	15:00	40.8	39.1	29.0	65.4	
05:15	15:00	35.8	37.1	28.2	55.1	
05:30	15:00	37.6	40.3	29.1	58.1	
05:45	15:00	42.0	39.7	28.1	65.5	
06:00	15:00	36.2	39.3	27.6	54.4	
06:15	15:00	38.6	39.2	28.5	64.4	
06:30	15:00	50.9	49.4	30.8	72.8	
06:45	15:00	42.2	39.6	29.4	66.4	
Average 2300-0700		38.5	38.0	26.4	35-73	
Average 0700-2300		46.0	44.7	33.8	44-88	

Noise Survey Results

Date: Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 166

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP8 - Mill Lane**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	47.8	38.6	29.0	71.1	
07:15	15:00	36.2	38.6	29.5	54.2	
07:30	15:00	37.9	40.8	30.1	54.7	
07:45	15:00	36.1	37.9	29.7	58.4	
08:00	15:00	38.2	39.3	29.5	60.8	
08:15	15:00	39.1	41.4	30.6	56.6	
08:30	15:00	41.1	44.2	33.3	55.6	
08:45	15:00	40.2	41.1	32.6	67.7	
09:00	15:00	49.1	51.5	34.2	67.1	
09:15	15:00	49.6	52.8	35.5	65.3	
09:30	15:00	41.7	44.1	33.2	61.7	
09:45	15:00	49.3	49.6	35.4	69.8	
10:00	15:00	47.4	46.7	34.3	70.6	
10:15	15:00	40.2	43.1	33.6	53.8	
10:30	15:00	45.5	48.4	33.8	67.1	
10:45	15:00	41.0	41.5	30.7	66.4	
11:00	15:00	43.9	40.8	31.5	68.3	
11:15	15:00	41.5	43.9	31.8	59.9	
11:30	15:00	42.4	43.0	35.3	65.9	
11:45	15:00	38.9	41.4	34.3	54.1	
12:00	15:00	39.6	41.0	34.2	60.0	
12:15	15:00	43.4	44.4	34.8	60.7	
12:30	15:00	44.1	43.3	36.4	65.2	
12:45	15:00	48.2	51.3	33.9	65.8	
13:00	15:00	40.9	40.7	33.0	64.8	
13:15	15:00	38.8	40.9	34.0	56.5	
13:30	15:00	50.9	40.6	33.2	81.6	
13:45	15:00	37.0	37.6	31.4	63.1	
14:00	15:00	44.6	40.0	29.8	65.9	
14:15	15:00	42.4	43.1	32.8	64.6	
14:30	15:00	40.0	43.4	27.8	60.9	
14:45	15:00	42.2	45.2	33.2	64.2	
Average 0700-1500		44.5	45.3	33.0	54-82	

Noise Survey Results

Date: Sunday 9th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP8 - Mill Lane**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 167

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	48.1	51.7	31.5	65.2	
15:15	15:00	44.0	48.6	30.1	61.3	
15:30	15:00	37.3	39.4	32.1	60.3	
15:45	15:00	42.2	41.7	31.4	68.6	
16:00	15:00	40.5	38.2	30.3	66.8	
16:15	15:00	44.2	47.5	31.2	61.5	
16:30	15:00	39.0	41.3	33.1	55.6	
16:45	15:00	42.3	44.9	35.0	55.3	
17:00	15:00	42.6	44.7	35.4	58.2	
17:15	15:00	46.9	50.7	36.0	66.0	
17:30	15:00	42.4	43.7	31.3	64.0	
17:45	15:00	44.5	45.1	32.0	69.0	
18:00	15:00	40.8	44.7	31.6	55.9	
18:15	15:00	40.4	43.9	31.3	60.3	
18:30	15:00	35.5	38.0	27.3	51.2	
18:45	15:00	32.6	35.3	26.7	48.8	
19:00	15:00	35.1	35.7	26.5	57.5	
19:15	15:00	38.4	41.5	28.0	59.0	
19:30	15:00	35.2	37.8	25.1	57.0	
19:45	15:00	40.1	39.3	26.9	63.8	
20:00	15:00	39.1	37.7	26.6	71.6	
20:15	15:00	34.7	37.0	25.6	53.3	
20:30	15:00	40.3	38.6	25.4	69.4	
20:45	15:00	40.4	38.9	24.1	64.8	
21:00	15:00	31.7	34.4	23.7	52.7	
21:15	15:00	33.5	33.1	21.4	58.9	
21:30	15:00	35.3	38.6	23.4	52.8	
21:45	15:00	30.7	33.5	22.5	47.3	
22:00	15:00	29.5	33.2	20.6	46.0	
22:15	15:00	40.6	43.6	22.8	64.8	
22:30	15:00	34.0	37.5	20.2	50.0	
22:45	15:00	38.0	42.2	20.8	55.2	
Average 1500-2300		40.9	43.6	29.9	46-72	

Noise Survey Results

Date: Sunday 9th - Monday 10th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 168

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP8 - Mill Lane**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

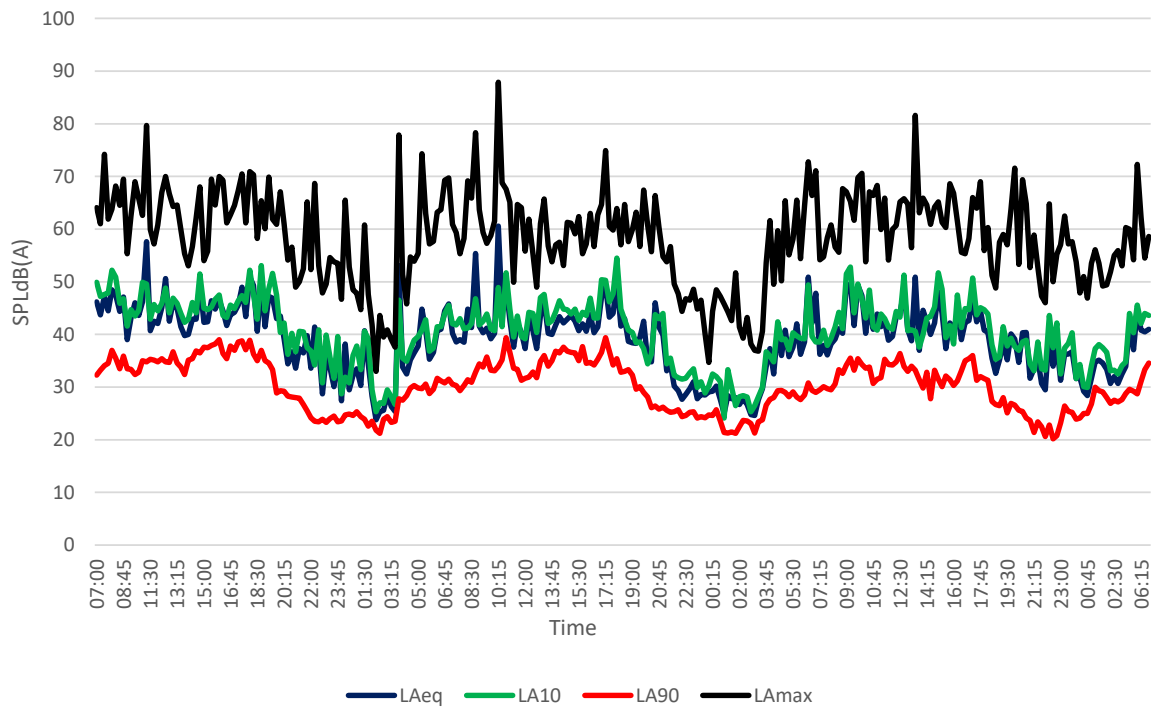
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	31.3	32.5	23.2	57.0	
23:15	15:00	36.2	37.4	26.4	62.5	
23:30	15:00	36.3	38.3	25.4	57.2	
23:45	15:00	36.7	40.3	25.2	57.6	
00:00	15:00	31.6	31.6	23.9	53.8	
00:15	15:00	31.8	34.3	24.1	47.9	
00:30	15:00	29.2	30.1	25.0	51.0	
00:45	15:00	28.4	29.9	25.0	46.9	
01:00	15:00	31.7	34.1	26.8	53.5	
01:15	15:00	34.8	37.3	30.0	56.1	
01:30	15:00	35.1	38.1	29.3	53.5	
01:45	15:00	34.6	37.5	29.1	49.2	
02:00	15:00	33.4	36.6	28.0	49.4	
02:15	15:00	30.7	33.1	26.9	51.9	
02:30	15:00	32.0	33.2	27.5	55.0	
02:45	15:00	30.7	32.5	27.2	55.9	
03:00	15:00	32.5	34.1	27.6	53.0	
03:15	15:00	33.9	34.8	28.8	60.3	
03:30	15:00	42.4	42.7	32.1	70.7	Rain
03:45	15:00	45.1	46.4	35.0	72.7	Rain
04:00	15:00	38.3	38.9	31.9	64.7	Rain
04:15	15:00	39.5	41.1	33.2	59.9	Rain
04:30	15:00	45.1	46.8	36.1	69.7	Rain
04:45	15:00	39.1	41.5	32.6	64.1	Rain
05:00	15:00	40.4	40.2	31.6	62.9	Rain
05:15	15:00	36.8	37.1	29.5	58.5	Rain
05:30	15:00	41.6	44.0	29.6	60.0	
05:45	15:00	37.1	40.3	29.2	54.2	
06:00	15:00	44.9	45.6	28.7	72.3	
06:15	15:00	40.8	42.1	31.1	62.3	
06:30	15:00	40.5	44.0	33.3	54.5	
06:45	15:00	41.0	43.6	34.6	58.6	
Average 2300-0700		38.8	40.5	30.3	47-72	Excluding Rain
Average 0700-2300		43.1	44.5	31.7	46-82	

Overall Average	39.1	38.5	27.4	33-78	Excluding Rain
Overall Average	45.2	45.4	33.7	44-88	Excluding Rain

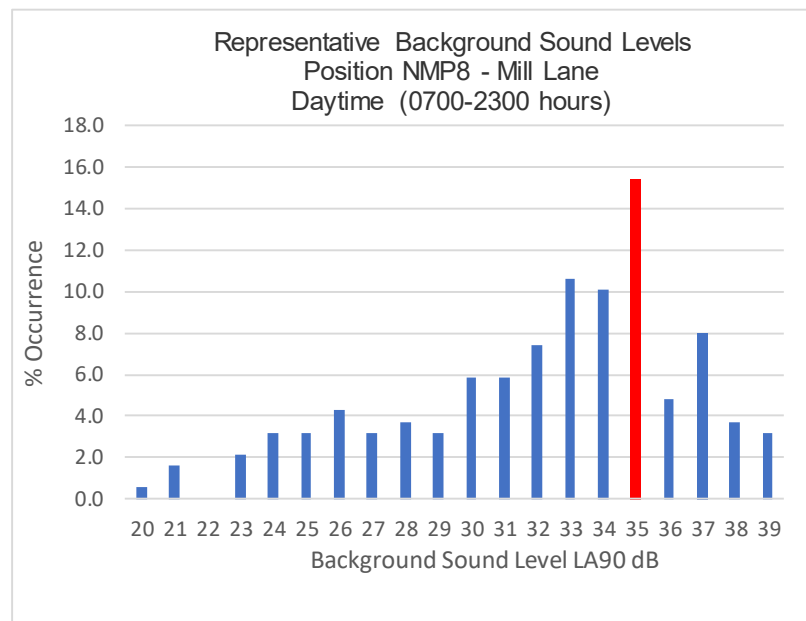
Average 0500-0700	42.4	42.4	30.3	54-74
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	37	35.8	25.8	33-78
--------------------------	-----------	-------------	-------------	--------------

Background Sound Survey: Position NMP8 - Mill Lane
Friday 7th - Monday 10th Jne 2024

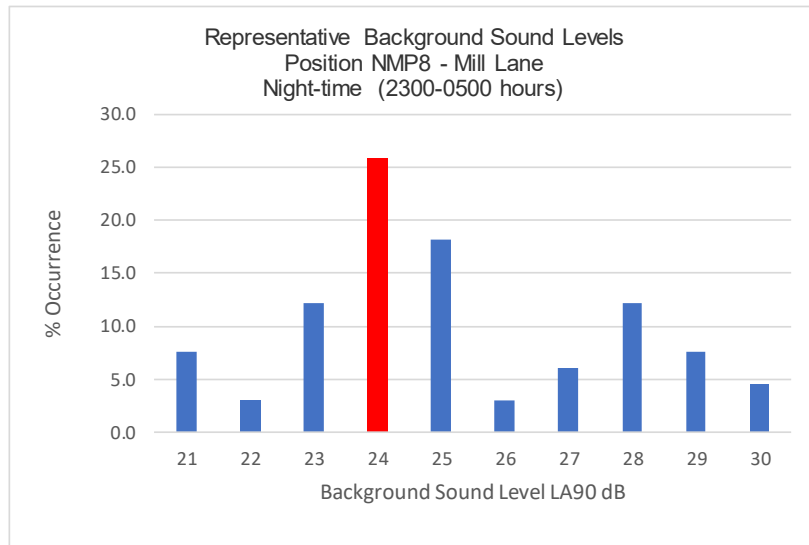


LA90	% Occurrence
20	0.5
21	1.6
22	0.0
23	2.1
24	3.2
25	3.2
26	4.3
27	3.2
28	3.7
29	3.2
30	5.9
31	5.9
32	7.4
33	10.6
34	10.1
35	15.4
36	4.8
37	8.0
38	3.7
39	3.2

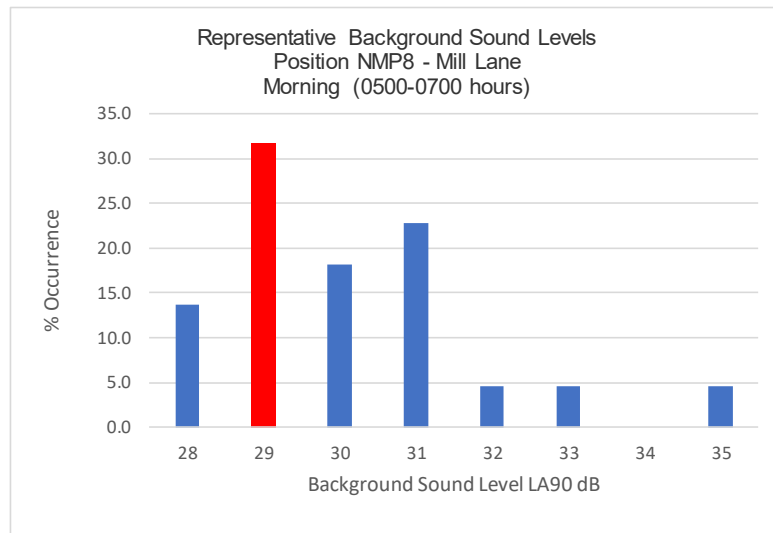


LA90 % Occurrence

21	7.6
22	3.0
23	12.1
24	25.8
25	18.2
26	3.0
27	6.1
28	12.1
29	7.6
30	4.5


LA90 % Occurrence

28	13.6
29	31.8
30	18.2
31	22.7
32	4.5
33	4.5
34	0.0
35	4.5



2.10 NMP 9: Little Staughton

Noise Survey Results

Date: Friday 7th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP9 - Little Staughton**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

TABLE 151

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	47.2	50.1	34.1	69.1	Occasional road traffic, birdsong & distant dog barking generally forms the noise climate
07:15	15:00	44.9	48.7	35.3	61.6	
07:30	15:00	54.3	54.7	37.2	74.9	
07:45	15:00	51.1	53.0	37.1	66.8	
08:00	15:00	45.0	48.3	36.6	62.0	
08:15	15:00	45.2	48.2	37.1	61.0	
08:30	15:00	46.8	50.6	35.4	67.7	
08:45	15:00	51.9	51.3	36.9	71.3	
09:00	15:00	44.6	47.5	36.0	60.6	Rain
09:15	15:00	46.2	48.7	35.8	67.0	Rain
09:30	15:00	46.6	49.5	35.0	65.7	
09:45	15:00	43.0	44.5	35.9	65.3	
10:00	15:00	45.6	47.8	36.3	63.7	
10:15	15:00	47.4	50.9	38.2	65.7	
10:30	15:00	44.6	47.4	38.0	64.2	Rain
10:45	15:00	46.5	50.3	37.7	63.7	Rain
11:00	15:00	45.6	48.9	37.5	62.4	
11:15	15:00	45.9	49.3	37.5	60.8	
11:30	15:00	50.4	54.0	40.0	66.3	
11:45	15:00	49.0	53.1	39.4	63.8	
12:00	15:00	47.8	51.1	38.8	62.5	
12:15	15:00	47.8	51.4	37.7	63.9	
12:30	15:00	46.4	49.8	36.4	60.2	
12:45	15:00	46.5	49.5	39.7	62.9	
13:00	15:00	47.8	50.7	41.3	62.0	
13:15	15:00	46.7	49.9	38.8	63.4	
13:30	15:00	43.9	46.7	38.1	56.0	
13:45	15:00	44.6	45.6	36.9	69.0	
14:00	15:00	48.6	51.7	41.1	64.7	
14:15	15:00	47.0	50.5	39.5	60.2	
14:30	15:00	48.4	51.9	39.4	66.1	
14:45	15:00	51.6	54.8	42.9	66.6	
Average 0700-1500		48.2	50.8	38.3	56-75	Excluding Rain

Noise Survey Results

Date: Friday 7th June 2024 TABLE 152
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP9 - Little Staughton**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	49.4	52.6	41.1	64.3	
15:15	15:00	50.6	53.3	45.3	64.3	
15:30	15:00	51.2	54.4	44.8	64.9	
15:45	15:00	53.7	56.3	45.1	72.0	
16:00	15:00	53.7	56.2	44.3	71.6	
16:15	15:00	49.9	51.3	41.5	70.9	
16:30	15:00	46.5	49.2	39.0	66.9	
16:45	15:00	50.1	53.4	43.5	65.7	
17:00	15:00	51.1	54.2	43.6	70.9	
17:15	15:00	51.6	54.1	43.4	69.0	
17:30	15:00	52.1	55.0	43.7	68.4	
17:45	15:00	49.0	51.0	42.2	68.5	
18:00	15:00	48.0	51.0	41.2	65.1	
18:15	15:00	46.0	49.7	38.3	62.1	
18:30	15:00	45.7	49.0	39.2	63.2	
18:45	15:00	49.0	52.3	41.4	66.2	
19:00	15:00	47.3	49.9	40.5	67.3	
19:15	15:00	50.6	53.5	42.8	64.4	
19:30	15:00	45.4	49.1	34.2	57.4	
19:45	15:00	42.4	45.5	34.0	56.9	
20:00	15:00	46.2	46.0	32.6	67.6	
20:15	15:00	41.7	44.8	33.8	58.4	
20:30	15:00	39.3	40.2	31.2	59.8	
20:45	15:00	46.5	49.4	31.2	65.8	
21:00	15:00	42.0	43.5	32.7	58.2	
21:15	15:00	40.8	43.4	33.5	59.0	
21:30	15:00	40.0	42.3	32.7	61.4	
21:45	15:00	38.5	38.7	30.3	61.1	
22:00	15:00	38.3	39.8	32.2	57.4	
22:15	15:00	35.0	35.4	27.2	56.8	
22:30	15:00	36.0	39.3	28.9	56.4	
22:45	15:00	34.0	36.8	29.7	43.2	
Average 1500-2300		48.3	51.0	40.5	43-72	

Noise Survey Results

Date: Friday 7th - Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 153

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP9 - Little Staughton**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	36.5	39.5	28.7	51.5	
23:15	15:00	36.2	35.7	28.9	59.1	
23:30	15:00	32.7	34.4	29.7	42.4	
23:45	15:00	36.7	39.0	28.5	50.8	
00:00	15:00	31.6	33.6	28.9	38.6	
00:15	15:00	36.1	38.6	31.7	48.1	
00:30	15:00	35.2	38.0	30.0	43.7	
00:45	15:00	35.0	38.1	30.6	44.0	
01:00	15:00	36.5	39.4	30.8	48.1	
01:15	15:00	33.7	37.2	28.7	44.4	
01:30	15:00	40.2	36.8	28.9	58.7	
01:45	15:00	38.2	40.2	31.0	54.1	
02:00	15:00	34.4	37.4	29.7	45.1	
02:15	15:00	32.3	34.8	28.2	46.0	
02:30	15:00	33.8	34.0	28.5	56.5	
02:45	15:00	32.8	35.1	29.4	43.5	
03:00	15:00	34.7	37.3	31.4	44.7	
03:15	15:00	31.3	33.4	28.9	39.5	
03:30	15:00	39.5	40.2	29.4	59.0	
03:45	15:00	49.2	53.6	34.1	61.8	
04:00	15:00	55.2	55.8	36.0	79.1	
04:15	15:00	48.8	52.3	35.9	64.1	
04:30	15:00	52.5	56.6	37.9	69.5	
04:45	15:00	48.9	52.7	36.9	70.1	
05:00	15:00	54.2	54.6	33.7	76.0	
05:15	15:00	53.3	54.4	34.9	73.0	
05:30	15:00	51.3	55.4	36.4	70.5	
05:45	15:00	48.6	53.0	35.3	64.3	
06:00	15:00	42.5	45.1	35.4	57.3	
06:15	15:00	50.6	45.6	34.6	74.7	
06:30	15:00	49.9	53.1	32.4	66.1	
06:45	15:00	48.0	52.6	36.8	64.4	
Average 2300-0700		47.4	49.8	33.0	39-79	
Average 0700-2300		48.2	50.9	39.6	43-75	

Noise Survey Results

Date: Saturday 8th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 154

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP9 - Little Staughton**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	47.6	48.9	38.7	68.5	
07:15	15:00	52.3	52.3	37.2	77.7	
07:30	15:00	46.1	49.8	35.2	63.6	
07:45	15:00	50.4	51.4	34.5	72.6	
08:00	15:00	46.0	51.2	34.3	63.0	
08:15	15:00	43.2	43.8	34.9	61.7	
08:30	15:00	52.1	49.9	35.7	73.0	
08:45	15:00	41.8	43.6	34.9	58.8	
09:00	15:00	52.8	52.8	37.0	70.3	
09:15	15:00	45.7	48.8	38.5	65.5	
09:30	15:00	50.6	52.9	40.2	70.2	
09:45	15:00	50.8	54.1	43.9	64.2	
10:00	15:00	48.6	52.5	41.0	65.7	
10:15	15:00	49.8	52.5	42.7	69.4	
10:30	15:00	51.5	54.7	44.2	65.1	
10:45	15:00	56.9	61.1	45.4	69.3	
11:00	15:00	56.8	60.3	49.3	70.1	
11:15	15:00	47.8	50.1	41.6	66.6	
11:30	15:00	48.0	51.4	36.5	67.4	
11:45	15:00	43.3	45.5	37.1	63.6	
12:00	15:00	44.9	47.9	38.0	59.8	
12:15	15:00	50.2	53.4	43.3	66.2	
12:30	15:00	47.1	49.4	37.9	65.7	
12:45	15:00	48.3	51.5	40.9	66.3	
13:00	15:00	52.4	56.4	42.7	69.2	
13:15	15:00	55.2	57.9	43.1	73.5	
13:30	15:00	51.8	54.8	44.9	66.1	
13:45	15:00	52.7	56.3	44.1	64.9	
14:00	15:00	53.6	56.7	48.0	66.0	
14:15	15:00	54.9	58.7	46.1	67.2	
14:30	15:00	53.5	56.4	45.7	70.1	
14:45	15:00	55.7	59.0	49.0	67.2	
Average 0700-1500		51.6	54.7	43.0	59-78	

Noise Survey Results

Date: Saturday 8th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP9 - Little Staughton**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

TABLE 155

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	54.3	57.6	48.0	66.3	
15:15	15:00	53.5	56.4	45.3	65.6	
15:30	15:00	53.0	55.7	47.1	66.8	
15:45	15:00	56.1	58.9	47.3	75.6	
16:00	15:00	54.4	57.6	46.7	69.3	
16:15	15:00	53.9	57.1	48.3	66.1	
16:30	15:00	52.0	55.5	44.1	65.9	
16:45	15:00	52.3	55.2	46.0	65.9	
17:00	15:00	53.0	56.0	47.1	67.4	
17:15	15:00	53.9	56.9	47.5	65.9	
17:30	15:00	54.0	57.3	48.0	65.8	
17:45	15:00	52.0	55.2	44.1	65.8	
18:00	15:00	50.4	53.5	43.1	66.4	
18:15	15:00	52.5	55.5	45.2	67.5	
18:30	15:00	50.8	53.4	45.7	64.6	
18:45	15:00	52.4	55.3	46.7	64.9	
19:00	15:00	51.8	54.8	45.1	65.4	
19:15	15:00	53.3	55.2	42.6	72.8	
19:30	15:00	56.3	53.1	40.1	76.0	
19:45	15:00	53.8	51.5	36.2	81.2	
20:00	15:00	45.7	46.0	36.7	69.5	
20:15	15:00	52.7	53.3	33.4	73.0	
20:30	15:00	44.0	48.1	30.9	63.8	
20:45	15:00	47.6	51.1	30.5	66.7	
21:00	15:00	41.6	45.7	27.1	63.1	
21:15	15:00	42.0	34.9	25.7	68.9	
21:30	15:00	37.0	39.3	24.3	64.7	
21:45	15:00	35.4	33.8	22.6	58.2	
22:00	15:00	25.1	26.1	21.7	40.3	
22:15	15:00	32.1	31.1	20.4	55.9	
22:30	15:00	39.4	37.1	23.4	62.0	
22:45	15:00	34.4	30.4	25.1	57.5	
Average 1500-2300		51.7	54.1	43.9	40-81	

Noise Survey Results

Date: Saturday 8th - Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 156

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP9 - Little Staughton**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	39.8	33.3	22.1	64.2	
23:15	15:00	33.6	27.1	20.7	67.5	
23:30	15:00	28.5	30.4	25.7	34.2	
23:45	15:00	25.8	28.0	22.3	40.1	
00:00	15:00	24.3	25.5	21.2	42.9	
00:15	15:00	26.7	27.7	22.9	43.0	
00:30	15:00	26.9	28.4	23.4	45.2	
00:45	15:00	27.0	28.2	23.4	37.7	
01:00	15:00	25.4	26.2	21.9	42.1	
01:15	15:00	26.8	30.4	22.3	36.4	
01:30	15:00	29.0	31.9	21.3	47.8	
01:45	15:00	31.7	27.1	23.3	68.5	
02:00	15:00	25.4	26.7	22.7	50.0	
02:15	15:00	27.1	28.3	24.0	55.1	
02:30	15:00	26.9	28.4	24.9	36.9	
02:45	15:00	28.2	29.5	25.9	47.1	
03:00	15:00	32.8	31.2	25.5	58.3	
03:15	15:00	34.3	32.4	22.1	60.3	
03:30	15:00	37.9	37.4	20.9	60.4	
03:45	15:00	51.7	56.3	31.7	64.2	
04:00	15:00	57.7	58.7	36.7	81.4	
04:15	15:00	52.9	57.0	42.6	62.8	
04:30	15:00	52.3	52.7	37.6	81.0	
04:45	15:00	48.7	54.3	35.0	62.0	
05:00	15:00	57.2	52.1	34.8	81.4	
05:15	15:00	53.0	46.5	34.0	76.3	
05:30	15:00	48.0	52.7	32.5	67.7	
05:45	15:00	49.2	53.7	33.3	66.7	
06:00	15:00	44.3	47.3	32.2	64.0	
06:15	15:00	39.7	42.6	33.1	59.5	
06:30	15:00	47.0	48.4	34.8	69.8	
06:45	15:00	44.4	45.8	35.6	63.4	
Average 2300-0700		48.3	49.6	32.5	34-81	
Average 0700-2300		51.7	54.4	43.5	40-81	

Noise Survey Results

Date: Sunday 9th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 157

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP9 - Little Staughton**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	49.0	51.5	36.3	67.9	
07:15	15:00	43.6	45.9	36.0	63.0	
07:30	15:00	46.5	46.6	37.2	66.9	
07:45	15:00	46.2	45.3	35.7	69.1	
08:00	15:00	43.9	46.6	36.6	62.7	
08:15	15:00	48.5	47.3	37.9	71.7	
08:30	15:00	46.0	49.9	38.4	60.5	
08:45	15:00	45.5	48.8	39.0	60.8	
09:00	15:00	51.9	53.6	41.4	75.9	
09:15	15:00	51.4	54.2	43.0	70.6	
09:30	15:00	49.6	52.6	43.0	64.0	
09:45	15:00	49.3	51.5	42.6	66.5	
10:00	15:00	50.0	53.1	41.8	68.2	
10:15	15:00	51.8	52.7	40.7	72.6	
10:30	15:00	58.7	54.6	39.5	83.1	
10:45	15:00	51.0	51.6	40.1	70.8	
11:00	15:00	52.6	50.5	38.4	77.1	
11:15	15:00	54.3	57.7	40.3	72.1	
11:30	15:00	59.8	63.6	50.6	72.4	
11:45	15:00	58.5	62.9	51.8	68.0	
12:00	15:00	49.2	53.8	40.0	62.3	
12:15	15:00	50.1	52.7	39.7	70.3	
12:30	15:00	46.2	50.8	35.9	60.3	
12:45	15:00	45.0	48.2	32.4	64.8	
13:00	15:00	41.0	43.5	32.2	61.0	
13:15	15:00	44.0	46.8	33.5	63.8	
13:30	15:00	47.3	48.1	35.4	76.0	
13:45	15:00	43.9	46.8	36.8	61.5	
14:00	15:00	45.6	49.9	33.9	63.7	
14:15	15:00	39.8	42.3	33.2	61.6	
14:30	15:00	44.4	46.6	31.8	64.1	
14:45	15:00	45.7	49.1	36.7	61.2	
Average 0700-1500		51.5	54.0	41.8	60-83	

Noise Survey Results

Date: Sunday 9th June 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP9 - Little Staughton**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

TABLE 158

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	44.5	43.7	33.7	66.3	
15:15	15:00	43.9	47.8	35.2	62.3	
15:30	15:00	46.7	50.1	37.2	61.9	
15:45	15:00	48.9	51.9	40.4	71.5	
16:00	15:00	44.8	47.2	36.4	66.7	
16:15	15:00	53.7	53.3	37.4	72.5	
16:30	15:00	52.4	51.0	39.6	69.3	
16:45	15:00	49.7	50.3	40.8	73.3	
17:00	15:00	45.2	47.8	35.3	70.2	
17:15	15:00	43.2	45.2	37.7	61.1	
17:30	15:00	44.3	46.9	38.5	60.0	
17:45	15:00	44.9	48.2	38.4	62.1	
18:00	15:00	45.4	48.1	39.2	64.1	
18:15	15:00	43.4	46.1	37.6	59.0	
18:30	15:00	53.9	49.1	36.7	85.9	
18:45	15:00	42.3	43.8	33.6	59.5	
19:00	15:00	40.5	41.8	31.2	61.7	
19:15	15:00	42.3	43.4	31.4	68.0	
19:30	15:00	44.8	49.7	31.0	61.2	
19:45	15:00	41.4	42.2	28.7	61.1	
20:00	15:00	58.4	44.5	31.5	85.9	
20:15	15:00	40.1	41.0	30.2	62.4	
20:30	15:00	39.6	42.8	29.8	65.1	
20:45	15:00	55.5	39.5	27.2	80.2	
21:00	15:00	42.9	40.0	24.5	63.4	
21:15	15:00	39.1	27.7	21.8	69.3	
21:30	15:00	35.8	39.5	23.7	53.1	
21:45	15:00	29.6	32.7	24.5	40.6	
22:00	15:00	34.6	34.3	22.3	58.6	
22:15	15:00	39.7	44.6	23.2	58.4	
22:30	15:00	32.9	36.7	21.3	51.1	
22:45	15:00	35.4	39.8	21.7	52.4	
Average 1500-2300		48.6	46.8	35.2	41-86	

Noise Survey Results

Date: Sunday 9th - Monday 10th June 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 159

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP9 - Little Staughton**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

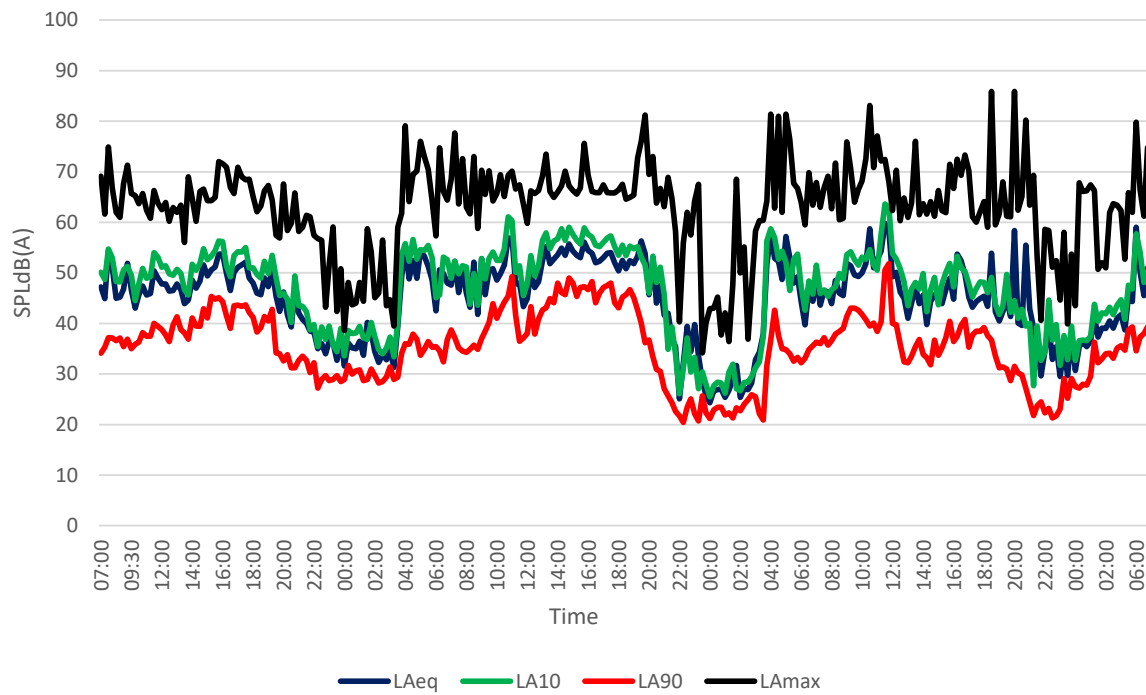
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	29.5	31.7	23.1	44.6	
23:15	15:00	35.1	37.6	29.1	58.0	
23:30	15:00	29.7	32.8	25.2	39.9	
23:45	15:00	37.6	39.5	29.1	53.7	
00:00	15:00	30.7	32.7	27.5	43.5	
00:15	15:00	35.4	36.6	27.2	67.8	
00:30	15:00	36.3	36.7	28.0	66.1	
00:45	15:00	35.4	36.6	27.8	66.2	
01:00	15:00	36.5	37.4	29.5	67.4	
01:15	15:00	41.3	43.8	36.3	66.3	
01:30	15:00	37.3	40.4	32.2	50.7	
01:45	15:00	39.1	42.1	33.0	52.0	
02:00	15:00	39.0	41.9	34.0	51.0	
02:15	15:00	40.5	43.2	34.1	61.9	
02:30	15:00	39.1	41.7	33.1	63.7	
02:45	15:00	41.0	43.6	35.1	63.4	
03:00	15:00	41.7	44.7	35.6	62.3	
03:15	15:00	38.7	40.8	34.7	52.7	
03:30	15:00	41.6	44.1	37.1	58.7	Rain
03:45	15:00	43.9	46.3	39.9	56.4	Rain
04:00	15:00	46.1	49.8	40.4	61.8	Rain
04:15	15:00	51.9	55.2	44.7	66.6	Rain
04:30	15:00	50.6	53.3	46.3	65.3	Rain
04:45	15:00	59.0	63.6	43.5	81.8	Rain
05:00	15:00	53.8	53.6	40.3	73.9	Rain
05:15	15:00	43.0	45.5	39.0	53.9	Rain
05:30	15:00	45.4	47.6	38.7	65.9	
05:45	15:00	44.3	46.8	39.3	62.0	
06:00	15:00	59.0	57.7	34.6	79.8	
06:15	15:00	50.2	54.1	37.3	66.4	
06:30	15:00	45.5	48.1	38.0	61.2	
06:45	15:00	51.0	50.3	39.3	74.8	
Average 2300-0700		49.1	51.5	38.1	40-80	Excluding Rain
Average 0700-2300		50.3	51.8	39.7	41-86	

Overall Average	47.7	49.2	33.3	34-81	Excluding Rain
Overall Average	50.3	52.7	41.3	40-86	Excluding Rain

Average 0500-0700	51.4	52	35.8	57-81
--------------------------	-------------	-----------	-------------	--------------

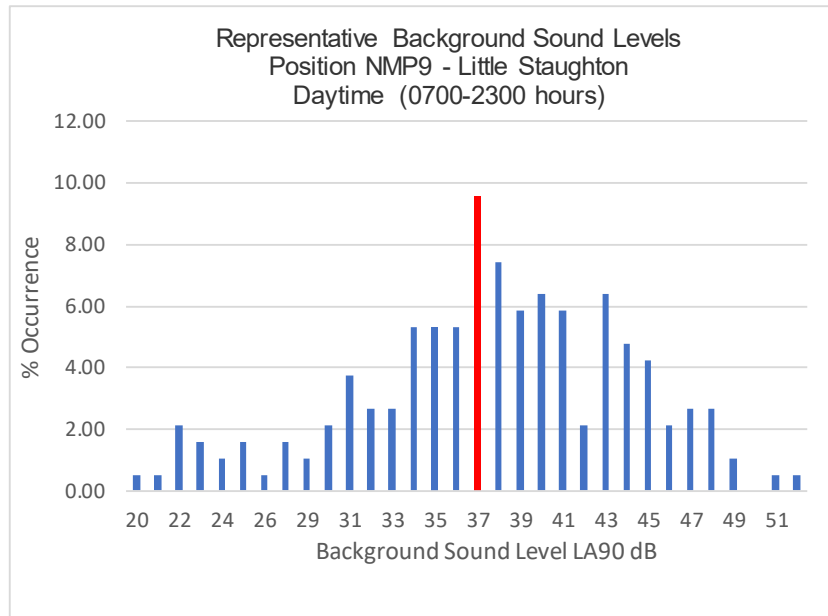
Average 2300-0500	45.1	47.6	32	34-81
--------------------------	-------------	-------------	-----------	--------------

Background Sound Survey: Position NMP9 - Little Staughton
Friday 7th - Monday 10th Jne 2024



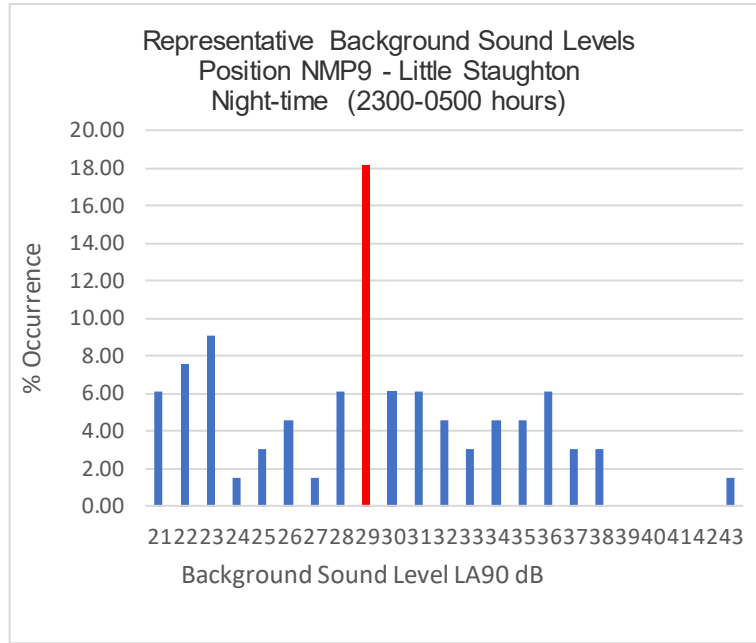
LA90 % Occurrence

20	0.53
21	0.53
22	2.13
23	1.60
24	1.06
25	1.60
26	0.53
27	1.60
29	1.06
30	2.13
31	3.72
32	2.66
33	2.66
34	5.32
35	5.32
36	5.32
37	9.57
38	7.45
39	5.85
40	6.38
41	5.85
42	2.13
43	6.38
44	4.79
45	4.26
46	2.13
47	2.66
48	2.66
49	1.06
50	0.00
51	0.53
52	0.53

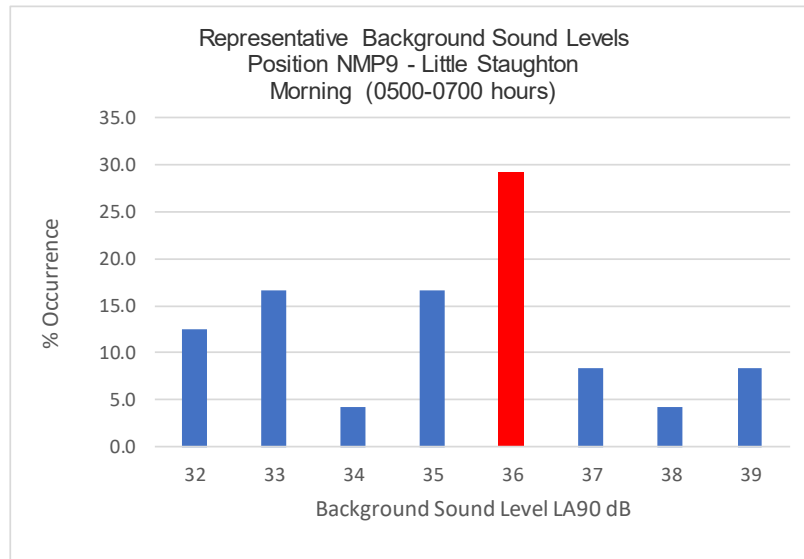


LA90 % Occurrence

21	6.06
22	7.58
23	9.09
24	1.52
25	3.03
26	4.55
27	1.52
28	6.06
29	18.18
30	6.06
31	6.06
32	4.55
33	3.03
34	4.55
35	4.55
36	6.06
37	3.03
38	3.03
39	0.0
40	0.0
41	0.0
42	0.0
43	1.52


LA90 % Occurrence

32	12.5
33	16.7
34	4.2
35	16.7
36	29.2
37	8.3
38	4.2
39	8.3



2.11 NMP 10: Green End

Noise Survey Results

Date: Friday 17th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP10 - Green End**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

TABLE 121

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	42.4	42.6	30.2	72.3	
07:15	15:00	41.1	40.8	31.3	68.7	
07:30	15:00	43.5	43.7	31.6	67.5	
07:45	15:00	44.8	43.8	29.1	67.7	
08:00	15:00	42.4	42.6	30.4	69.1	
08:15	15:00	40.2	42.8	33.5	59.3	
08:30	15:00	38.2	39.7	31.3	56.2	
08:45	15:00	35.4	38.4	28.9	55.9	
09:00	15:00	50.6	45.2	29.1	74.4	
09:15	15:00	44.7	44.5	28.0	70.5	
09:30	15:00	35.3	37.3	26.8	56.9	
09:45	15:00	42.6	47.0	29.9	59.6	
10:00	15:00	42.9	40.3	27.8	70.7	
10:15	15:00	41.5	38.0	26.4	67.4	
10:30	15:00	33.1	35.3	27.4	50.8	
10:45	15:00	39.0	40.2	27.6	53.9	
11:00	15:00	36.0	37.3	26.7	58.0	
11:15	15:00	35.7	37.8	27.0	52.6	
11:30	15:00	60.8	41.8	28.6	85.7	
11:45	15:00	36.9	36.5	27.9	63.0	
12:00	15:00	51.3	40.5	25.7	75.2	
12:15	15:00	60.4	48.0	27.5	85.7	
12:30	15:00	48.1	51.5	28.0	65.5	
12:45	15:00	40.4	42.0	28.2	64.3	
13:00	15:00	52.3	42.0	28.4	76.5	
13:15	15:00	41.0	44.1	26.8	62.4	
13:30	15:00	40.3	41.2	28.6	67.3	
13:45	15:00	45.5	42.8	29.1	70.0	
14:00	15:00	51.2	52.0	28.2	72.6	
14:15	15:00	46.2	44.0	31.2	77.4	
14:30	15:00	37.2	39.1	29.5	59.5	
14:45	15:00	45.5	45.9	29.8	68.6	
Average 0700-1500		50.1	44.2	29.1	51-86	

Noise Survey Results

Date: Friday 17th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP10 - Green End**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 122

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	46.2	45.0	30.4	73.4	
15:15	15:00	53.5	41.0	29.0	76.1	
15:30	15:00	48.7	46.6	30.0	70.3	
15:45	15:00	44.5	42.7	31.5	67.8	
16:00	15:00	37.8	39.6	33.7	57.0	
16:15	15:00	37.2	39.6	29.2	58.7	
16:30	15:00	39.6	43.5	29.9	59.3	
16:45	15:00	49.8	50.4	34.7	67.2	
17:00	15:00	51.6	43.0	32.2	73.8	
17:15	15:00	35.8	38.4	29.6	51.7	
17:30	15:00	34.5	37.2	29.1	50.2	
17:45	15:00	60.0	63.4	30.5	78.7	
18:00	15:00	36.0	37.0	27.0	54.4	
18:15	15:00	39.9	42.6	28.7	57.2	
18:30	15:00	38.8	41.2	30.8	62.5	
18:45	15:00	37.7	40.3	29.7	57.4	
19:00	15:00	42.5	43.6	28.4	65.8	
19:15	15:00	37.3	40.3	28.6	52.0	
19:30	15:00	38.2	41.5	28.7	57.7	
19:45	15:00	41.1	43.9	31.0	63.6	
20:00	15:00	36.9	39.7	30.5	50.9	
20:15	15:00	38.3	37.8	28.2	64.8	
20:30	15:00	46.1	41.2	28.4	69.8	
20:45	15:00	35.8	38.1	26.4	54.1	
21:00	15:00	34.8	37.8	28.2	47.4	
21:15	15:00	33.8	36.9	26.7	45.8	
21:30	15:00	34.9	37.8	27.3	47.3	
21:45	15:00	36.1	38.2	25.6	56.1	
22:00	15:00	32.3	36.2	25.7	47.0	
22:15	15:00	33.0	35.9	24.5	50.0	
22:30	15:00	29.9	33.2	24.1	42.3	
22:45	15:00	30.7	34.9	24.5	46.0	
Average 1500-2300		47.4	49.2	29.5	42-79	

Noise Survey Results

Date: Friday 17th - Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP10 - Green End**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

TABLE 123

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	31.7	35.0	24.4	48.4	
23:15	15:00	27.7	30.8	23.2	47.2	
23:30	15:00	25.0	28.4	22.1	40.5	
23:45	15:00	26.3	28.1	20.3	45.6	
00:00	15:00	36.4	37.6	21.6	53.8	
00:15	15:00	30.9	34.1	21.3	48.5	
00:30	15:00	29.2	31.1	20.2	45.8	
00:45	15:00	27.9	32.2	21.3	41.3	
01:00	15:00	35.4	40.1	23.4	48.3	
01:15	15:00	25.6	27.2	21.1	43.6	
01:30	15:00	32.5	33.8	22.3	51.7	
01:45	15:00	24.6	28.4	19.4	37.6	
02:00	15:00	25.7	28.9	19.6	39.1	
02:15	15:00	27.3	30.8	20.2	41.8	
02:30	15:00	23.6	27.2	18.9	40.2	
02:45	15:00	26.8	30.7	20.4	44.7	
03:00	15:00	27.8	31.5	19.6	41.5	
03:15	15:00	37.0	41.1	23.4	54.3	
03:30	15:00	24.6	27.9	19.5	38.0	
03:45	15:00	33.0	31.5	23.4	50.5	
04:00	15:00	31.2	33.4	24.5	51.0	
04:15	15:00	35.6	36.1	26.4	66.3	
04:30	15:00	40.0	43.1	28.1	56.0	
04:45	15:00	41.6	44.4	28.5	68.6	
05:00	15:00	37.4	39.8	26.2	53.9	
05:15	15:00	37.5	39.0	25.6	57.3	
05:30	15:00	39.3	41.8	27.5	59.8	
05:45	15:00	36.6	36.5	26.9	58.9	
06:00	15:00	36.5	38.2	27.6	55.0	
06:15	15:00	46.0	43.2	27.7	67.7	
06:30	15:00	39.5	41.7	28.6	57.2	
06:45	15:00	38.8	40.6	30.2	64.0	
Average 2300-0700		36.3	37.8	24.8	38-69	
Average 0700-2300		48.9	47.3	29.3	42-86	

Noise Survey Results

Date: Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 124

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP10 - Green End**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	37.6	40.1	31.2	50.7	
07:15	15:00	38.6	42.1	31.3	51.8	
07:30	15:00	38.2	41.0	32.0	57.9	
07:45	15:00	41.7	43.2	33.4	64.2	
08:00	15:00	40.3	44.2	34.6	54.7	
08:15	15:00	41.2	43.0	34.4	61.4	
08:30	15:00	40.2	42.8	34.7	55.5	
08:45	15:00	47.0	44.2	34.9	69.2	
09:00	15:00	44.2	44.3	34.2	67.1	
09:15	15:00	38.9	41.8	34.0	49.6	
09:30	15:00	47.7	43.0	33.6	70.8	
09:45	15:00	39.2	42.3	33.9	50.7	
10:00	15:00	41.8	42.3	34.7	64.1	
10:15	15:00	47.7	43.5	34.1	73.6	
10:30	15:00	44.3	44.0	35.1	68.2	
10:45	15:00	45.6	42.5	34.4	70.1	
11:00	15:00	44.8	43.8	34.6	69.9	
11:15	15:00	45.0	44.2	33.1	68.7	
11:30	15:00	39.2	42.4	33.9	51.7	
11:45	15:00	51.3	52.3	34.5	71.3	
12:00	15:00	40.0	41.1	33.9	64.7	
12:15	15:00	40.0	42.3	33.5	57.4	
12:30	15:00	47.4	44.2	34.5	68.1	
12:45	15:00	43.6	44.4	35.4	62.8	
13:00	15:00	49.3	47.7	35.6	69.2	
13:15	15:00	39.4	41.3	33.1	56.0	
13:30	15:00	42.1	43.2	32.6	62.0	
13:45	15:00	40.7	41.2	31.5	67.7	
14:00	15:00	38.5	39.1	31.2	58.2	
14:15	15:00	36.9	39.4	32.3	53.4	
14:30	15:00	37.3	39.6	32.9	52.0	
14:45	15:00	40.0	42.7	33.4	53.7	
Average 0700-1500		44.0	43.8	33.7	50-74	

Noise Survey Results

Date: Saturday 18th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP10 - Green End**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 125

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	39.0	42.0	33.5	50.3	
15:15	15:00	39.0	42.0	33.1	54.6	
15:30	15:00	45.8	41.2	33.3	68.2	
15:45	15:00	39.0	41.8	34.2	51.5	
16:00	15:00	42.0	39.4	31.2	67.1	
16:15	15:00	42.5	42.0	31.2	60.4	
16:30	15:00	40.3	42.9	31.9	55.5	
16:45	15:00	39.2	41.1	32.6	58.3	
17:00	15:00	38.3	41.0	33.4	53.9	
17:15	15:00	37.6	40.0	33.9	49.5	
17:30	15:00	39.4	42.0	34.5	54.6	
17:45	15:00	51.1	47.2	36.6	75.5	
18:00	15:00	48.1	45.1	35.7	70.1	
18:15	15:00	44.3	47.9	33.9	63.6	
18:30	15:00	43.1	45.4	35.4	60.2	
18:45	15:00	40.7	43.7	34.9	55.3	
19:00	15:00	40.6	44.1	29.8	57.7	
19:15	15:00	40.6	43.6	31.5	56.8	
19:30	15:00	39.8	41.5	32.2	59.5	
19:45	15:00	40.4	40.7	31.8	59.8	
20:00	15:00	50.7	48.6	32.7	71.6	
20:15	15:00	48.2	42.1	31.6	70.2	
20:30	15:00	39.5	40.7	31.3	65.6	
20:45	15:00	49.3	45.0	30.8	71.4	
21:00	15:00	39.1	40.7	29.7	59.5	
21:15	15:00	36.2	39.1	27.9	53.8	
21:30	15:00	32.5	33.3	27.7	53.4	
21:45	15:00	34.5	36.1	27.1	51.4	
22:00	15:00	33.3	36.3	27.4	46.4	
22:15	15:00	33.5	36.9	26.8	47.8	
22:30	15:00	37.6	41.2	29.1	54.1	
22:45	15:00	35.2	37.5	27.8	48.3	
Average 1500-2300		43.6	42.8	32.4	46-76	

Noise Survey Results

Date: Saturday 18th - Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP10 - Green End**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

TABLE 126

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	33.4	36.4	28.1	44.9	
23:15	15:00	34.4	37.2	27.8	50.3	
23:30	15:00	33.2	36.5	27.5	44.7	
23:45	15:00	33.5	36.5	27.1	45.2	
00:00	15:00	33.3	36.1	28.4	44.4	
00:15	15:00	32.8	35.0	26.7	47.7	
00:30	15:00	35.6	37.9	28.7	49.3	
00:45	15:00	35.9	37.4	28.4	51.2	
01:00	15:00	37.1	39.2	29.8	52.4	
01:15	15:00	36.5	39.6	24.7	53.2	
01:30	15:00	30.3	29.1	20.9	51.0	
01:45	15:00	26.4	29.2	20.9	44.2	
02:00	15:00	27.9	30.8	21.4	45.2	
02:15	15:00	27.6	31.5	20.4	45.0	
02:30	15:00	24.6	26.1	20.9	41.0	
02:45	15:00	27.2	30.1	21.7	44.2	
03:00	15:00	26.1	27.6	21.7	42.8	
03:15	15:00	22.6	23.9	21.1	34.2	
03:30	15:00	22.7	23.8	21.5	29.6	
03:45	15:00	27.9	31.5	21.8	43.8	
04:00	15:00	31.9	29.3	23.3	62.3	
04:15	15:00	31.7	34.4	27.2	43.2	
04:30	15:00	38.0	38.9	30.2	64.9	
04:45	15:00	38.7	41.2	31.4	60.1	
05:00	15:00	37.3	38.4	29.9	55.8	
05:15	15:00	44.3	48.8	30.5	60.1	
05:30	15:00	40.4	41.7	30.7	63.2	
05:45	15:00	40.1	38.2	29.6	63.8	
06:00	15:00	36.2	39.4	27.9	53.3	
06:15	15:00	39.7	41.3	31.3	64.7	
06:30	15:00	38.7	38.9	30.3	65.6	
06:45	15:00	39.5	41.9	30.3	56.0	
Average 2300-0700		36.2	38.7	27.7	30-66	
Average 0700-2300		43.8	43.4	33.1	46-76	

Noise Survey Results

Date: Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 127

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP10 - Green End**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	45.3	43.8	31.8	66.0	
07:15	15:00	40.0	40.7	32.9	66.4	
07:30	15:00	38.4	41.4	32.3	59.8	
07:45	15:00	40.5	41.9	33.1	59.0	
08:00	15:00	37.5	40.4	32.6	53.6	
08:15	15:00	40.9	43.8	34.7	55.4	
08:30	15:00	38.5	41.1	33.1	53.5	
08:45	15:00	39.9	42.6	34.4	58.8	
09:00	15:00	45.3	48.2	35.1	62.0	
09:15	15:00	40.2	42.8	35.1	59.3	
09:30	15:00	40.8	43.4	35.1	58.5	
09:45	15:00	40.0	42.2	35.9	53.5	
10:00	15:00	39.9	42.4	34.9	55.7	
10:15	15:00	44.2	43.8	35.3	74.1	
10:30	15:00	42.7	45.0	36.1	60.8	
10:45	15:00	38.8	41.5	34.1	51.8	
11:00	15:00	42.0	41.8	34.1	66.0	
11:15	15:00	39.5	42.1	34.2	54.8	
11:30	15:00	41.1	43.4	35.6	59.5	
11:45	15:00	42.7	45.8	36.5	61.6	
12:00	15:00	47.8	45.1	35.5	70.5	
12:15	15:00	44.4	46.7	38.0	64.7	
12:30	15:00	43.1	45.5	39.2	53.6	
12:45	15:00	44.3	45.8	39.1	63.9	
13:00	15:00	43.4	46.0	36.0	65.1	
13:15	15:00	44.4	47.2	39.3	57.6	
13:30	15:00	43.5	46.7	36.5	57.7	
13:45	15:00	44.9	47.4	36.0	66.6	
14:00	15:00	44.7	45.6	36.0	65.7	
14:15	15:00	46.3	46.6	35.9	64.9	
14:30	15:00	46.5	48.2	37.7	64.4	
14:45	15:00	42.7	45.9	36.9	53.5	
Average 0700-1500		43.1	44.8	35.8	52-74	

Noise Survey Results

Date: Sunday 19th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP10 - Green End**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 128

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	43.3	46.3	37.8	53.2	
15:15	15:00	42.6	45.8	36.8	52.9	
15:30	15:00	45.2	43.7	34.2	68.9	
15:45	15:00	44.4	46.5	34.7	67.1	
16:00	15:00	51.7	48.1	34.6	71.4	
16:15	15:00	49.4	46.8	35.8	70.8	
16:30	15:00	42.1	44.5	36.7	55.7	
16:45	15:00	41.4	44.5	36.0	55.0	
17:00	15:00	42.1	45.0	36.4	52.3	
17:15	15:00	42.6	45.2	36.9	61.5	
17:30	15:00	40.0	43.2	33.8	52.1	
17:45	15:00	41.5	44.4	34.2	64.4	
18:00	15:00	42.0	44.8	36.1	59.0	
18:15	15:00	40.8	44.0	34.4	53.7	
18:30	15:00	42.4	43.8	33.4	64.9	
18:45	15:00	47.6	46.0	34.2	66.1	
19:00	15:00	47.9	50.0	33.3	66.9	
19:15	15:00	39.7	42.7	33.1	54.3	
19:30	15:00	43.7	42.4	31.0	69.7	
19:45	15:00	35.4	37.2	28.0	55.6	
20:00	15:00	34.8	37.4	29.6	49.7	
20:15	15:00	39.5	41.7	29.9	67.3	
20:30	15:00	41.6	40.8	29.6	65.7	
20:45	15:00	37.2	39.8	29.0	56.7	
21:00	15:00	31.4	33.5	27.1	49.2	
21:15	15:00	32.8	36.1	25.9	47.8	
21:30	15:00	30.2	32.9	25.6	44.8	
21:45	15:00	31.6	34.4	24.9	47.6	
22:00	15:00	28.2	29.8	24.1	43.7	
22:15	15:00	36.3	38.9	26.3	53.4	
22:30	15:00	36.7	39.8	29.7	50.4	
22:45	15:00	35.8	39.3	29.4	46.2	
Average 1500-2300		43.2	43.8	33.4	44-71	

Noise Survey Results

Date: Sunday 19th - Monday 20th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP10 - Green End**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 129

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	33.7	36.5	26.1	49.8	
23:15	15:00	30.8	33.2	25.1	45.7	
23:30	15:00	25.9	27.2	22.6	46.0	
23:45	15:00	28.7	29.3	22.0	49.9	
00:00	15:00	27.7	28.9	21.2	47.1	
00:15	15:00	24.4	26.5	21.4	36.5	
00:30	15:00	24.9	27.1	22.2	39.8	
00:45	15:00	28.5	30.3	22.2	49.5	
01:00	15:00	27.2	30.2	21.7	46.9	
01:15	15:00	27.3	30.6	22.0	41.3	
01:30	15:00	29.8	34.0	22.5	43.6	
01:45	15:00	33.9	37.1	27.5	45.1	
02:00	15:00	30.9	34.7	24.5	43.3	
02:15	15:00	30.7	34.7	23.4	41.6	
02:30	15:00	23.7	26.2	20.6	36.7	
02:45	15:00	29.5	33.4	21.6	44.8	
03:00	15:00	27.5	30.9	20.9	40.9	
03:15	15:00	30.2	33.8	22.9	45.3	
03:30	15:00	29.7	32.9	23.4	43.2	
03:45	15:00	33.9	37.3	25.1	51.0	
04:00	15:00	47.1	36.6	25.3	68.8	
04:15	15:00	54.6	59.2	31.4	71.8	
04:30	15:00	45.6	45.9	29.9	66.8	
04:45	15:00	42.2	46.7	31.0	56.5	
05:00	15:00	44.6	47.0	30.0	64.7	
05:15	15:00	45.2	44.0	28.8	66.7	
05:30	15:00	37.6	39.6	29.4	56.8	
05:45	15:00	38.6	41.1	32.2	59.1	
06:00	15:00	39.9	41.1	30.7	66.2	
06:15	15:00	44.6	43.2	30.6	66.3	
06:30	15:00	37.1	39.9	31.8	50.2	
06:45	15:00	38.7	42.1	32.1	57.8	
Average 2300-0700		42.2	45.4	27.5	37-72	
Average 0700-2300		43.1	44.3	34.8	44-74	

Noise Survey Results

Date: Monday 20th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP10 - Green End**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

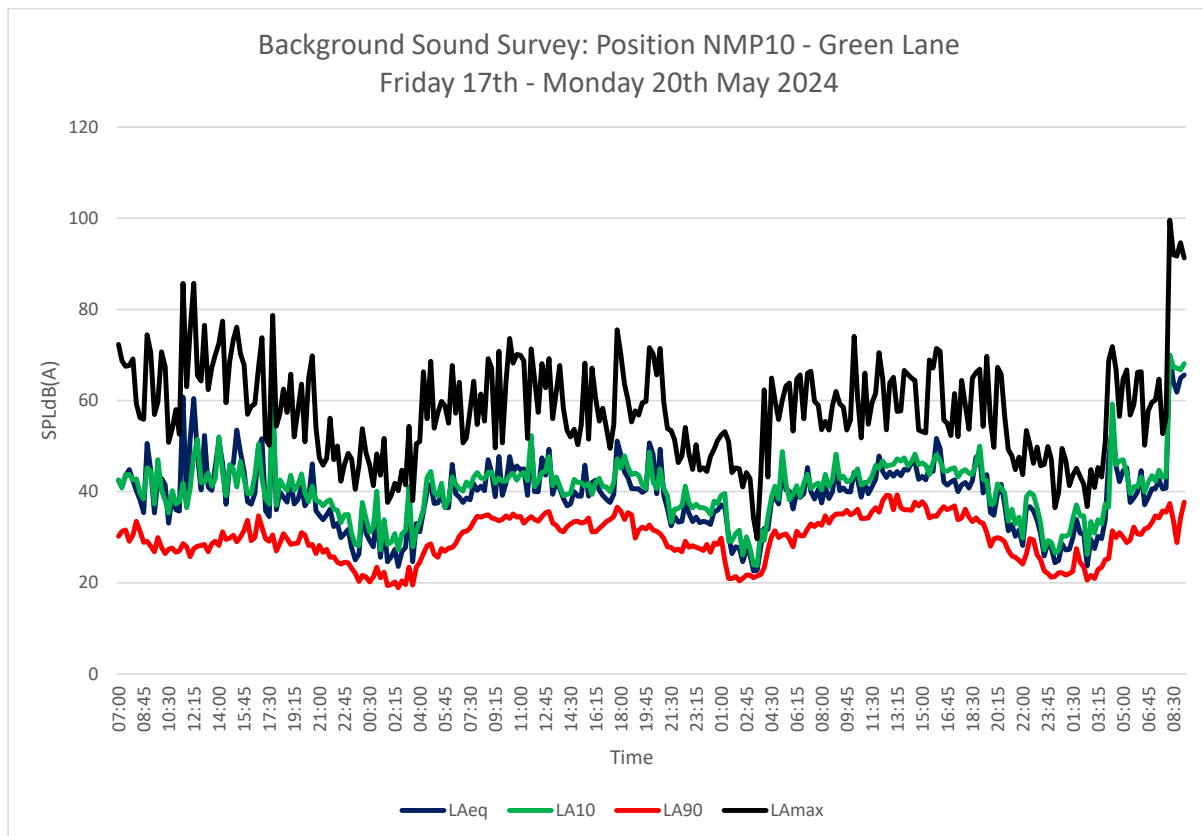
TABLE 50

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	40.6	43.5	33.2	59.6	Highlighted data excluded
07:15	15:00	40.6	42.3	34.7	60.1	
07:30	15:00	42.6	44.7	34.2	64.7	
07:45	15:00	40.6	43.2	35.8	52.7	
08:00	15:00	40.8	43.2	35.5	56.4	
08:15	15:00	69.9	70.0	37.4	99.6	
08:30	15:00	64.0	67.4	33.6	92.0	
08:45	15:00	61.8	67.1	28.8	91.7	
09:00	15:00	64.9	66.7	34.2	94.6	
09:15	15:00	65.6	68.1	37.7	91.3	
Average 0700-0930		41.1	43.4	35.0	53-65	

Overall Average	39.2	42.0	26.8	30-72	
Overall Average	46.0	45.3	33.1	42-86	

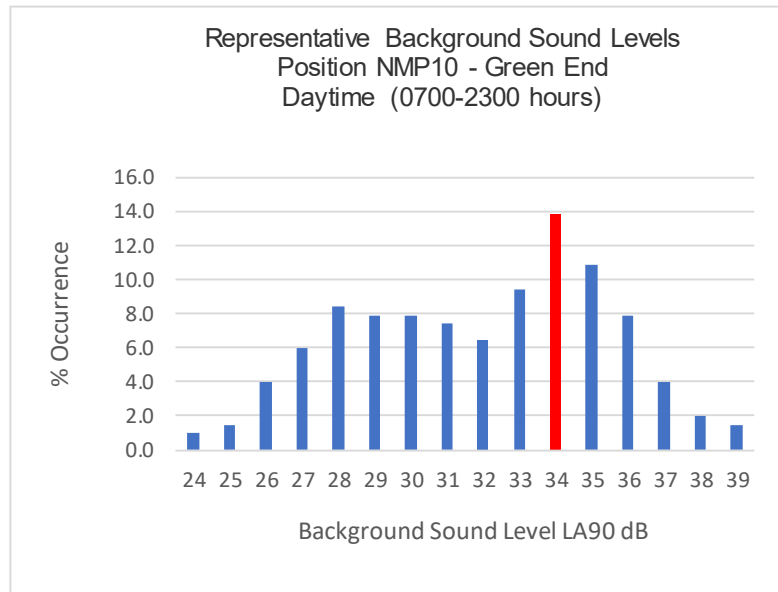
Average 0500-0700	40.8	42.1	29.7	50-68
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	38.5	42	25.2	30-72
--------------------------	-------------	-----------	-------------	--------------

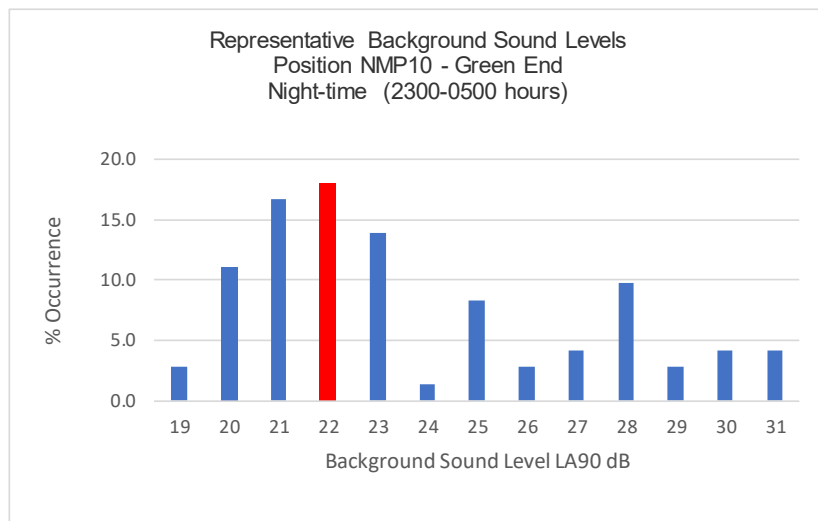


LA90 % Occurrence

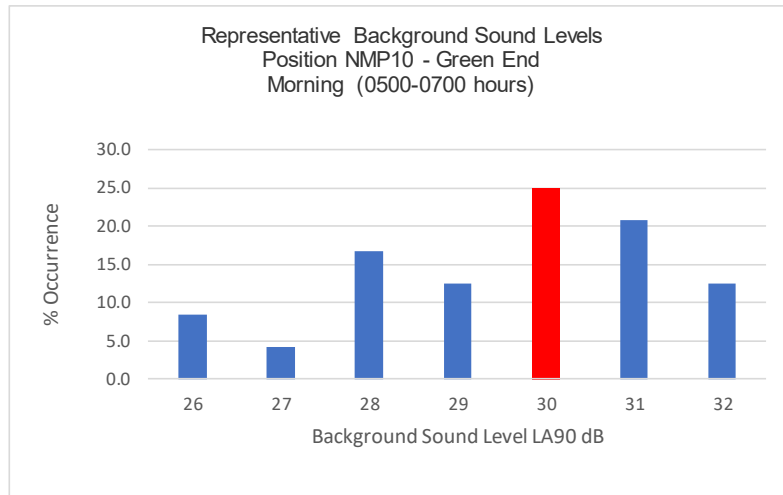
24	1.0
25	1.5
26	4.0
27	5.9
28	8.4
29	7.9
30	7.9
31	7.4
32	6.4
33	9.4
34	13.9
35	10.9
36	7.9
37	4.0
38	2.0
39	1.5


LA90 % Occurrence

19	2.8
20	11.1
21	16.7
22	18.1
23	13.9
24	1.4
25	8.3
26	2.8
27	4.2
28	9.7
29	2.8
30	4.2
31	4.2



LA90	% Occurrence
26	8.3
27	4.2
28	16.7
29	12.5
30	25.0
31	20.8
32	12.5



2.12 NMP 11: Green End

Noise Survey Results

Date: Friday 17th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP11 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

TABLE 101

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	51.4	48.1	32.3	74.7	Noise levels generally formed by local road traffic noise, birdsong
07:15	15:00	54.8	49.6	31.4	80.8	
07:30	15:00	58.6	62.3	32.7	75.1	
07:45	15:00	60.4	65.9	33.1	75.4	
08:00	15:00	54.8	55.4	31.8	74.3	
08:15	15:00	58.4	61.1	35.8	77.6	
08:30	15:00	58.4	62.8	34.0	76.7	
08:45	15:00	58.4	62.7	31.4	75.9	
09:00	15:00	54.1	55.0	32.4	75.6	
09:15	15:00	51.5	51.2	29.2	70.8	
09:30	15:00	55.8	54.4	28.9	75.0	
09:45	15:00	54.7	55.2	32.6	73.8	
10:00	15:00	59.5	64.6	28.5	76.7	
10:15	15:00	55.5	59.6	29.4	74.6	
10:30	15:00	55.1	56.1	31.2	74.2	
10:45	15:00	52.8	50.6	30.7	74.1	
11:00	15:00	50.8	50.8	28.4	76.1	
11:15	15:00	52.6	56.0	29.0	70.7	
11:30	15:00	57.6	58.6	30.0	79.2	
11:45	15:00	49.8	46.9	29.0	69.2	
12:00	15:00	50.2	48.8	29.9	70.8	
12:15	15:00	51.8	53.8	29.1	71.2	
12:30	15:00	51.5	53.6	29.0	71.2	
12:45	15:00	51.2	50.8	29.7	71.4	
13:00	15:00	50.0	48.1	28.4	72.0	
13:15	15:00	49.1	48.6	28.1	72.4	
13:30	15:00	48.7	45.8	27.9	71.4	
13:45	15:00	49.3	47.0	29.4	73.7	
14:00	15:00	49.6	45.4	27.9	72.0	
14:15	15:00	52.2	53.5	33.5	73.8	
14:30	15:00	50.8	50.1	33.8	73.3	
14:45	15:00	51.0	48.5	30.6	72.9	
Average 0700-1500		54.8	57.7	31.1	69-81	

Noise Survey Results

Date: Friday 17th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP11 - Green End**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 102

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	51.0	50.7	32.5	71.6	
15:15	15:00	54.3	52.0	31.2	75.0	
15:30	15:00	55.4	56.5	31.9	73.2	
15:45	15:00	54.0	55.2	34.4	71.3	
16:00	15:00	53.7	53.5	38.6	73.2	
16:15	15:00	55.4	53.8	32.9	78.8	
16:30	15:00	53.6	53.8	33.2	71.9	
16:45	15:00	57.2	58.9	38.1	77.1	
17:00	15:00	54.1	55.9	35.3	72.4	
17:15	15:00	53.4	53.2	30.5	75.0	
17:30	15:00	53.1	53.5	30.1	72.3	
17:45	15:00	54.0	54.1	29.1	72.2	
18:00	15:00	55.5	57.3	28.8	74.1	
18:15	15:00	51.6	50.5	30.3	74.2	
18:30	15:00	50.3	48.3	31.1	71.5	
18:45	15:00	48.6	46.9	29.9	69.7	
19:00	15:00	52.6	51.9	28.7	76.6	
19:15	15:00	51.0	49.3	28.3	72.5	
19:30	15:00	48.2	44.6	28.1	72.6	
19:45	15:00	49.9	49.1	32.0	70.8	
20:00	15:00	49.0	47.6	31.2	72.0	
20:15	15:00	52.5	48.6	29.0	73.7	
20:30	15:00	48.7	44.7	28.5	71.7	
20:45	15:00	46.6	42.3	26.2	74.3	
21:00	15:00	50.0	46.1	28.2	72.3	
21:15	15:00	44.9	44.2	27.3	68.9	
21:30	15:00	48.1	40.2	25.9	73.9	
21:45	15:00	51.3	36.9	22.4	78.6	
22:00	15:00	38.8	37.0	21.1	60.8	
22:15	15:00	45.8	36.8	23.9	71.4	
22:30	15:00	29.2	32.3	23.9	38.6	
22:45	15:00	45.2	35.7	21.8	69.8	
Average 1500-2300		52.1	51.9	31.4	37-79	

Noise Survey Results

Date: Friday 17th - Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP11 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

TABLE 103

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	41.5	34.7	21.6	69.3	
23:15	15:00	27.7	30.7	22.3	47.5	
23:30	15:00	24.9	28.3	23.4	41.3	
23:45	15:00	42.5	28.6	24.5	69.1	
00:00	15:00	36.8	37.8	25.7	52.5	
00:15	15:00	45.1	36.9	28.8	69.0	
00:30	15:00	37.4	34.3	26.7	61.3	
00:45	15:00	39.0	33.2	27.1	63.8	
01:00	15:00	35.0	39.2	26.2	49.0	
01:15	15:00	39.9	32.6	26.8	68.3	
01:30	15:00	31.8	33.6	25.6	51.4	
01:45	15:00	24.7	28.5	22.1	38.9	
02:00	15:00	43.7	31.2	23.5	68.2	
02:15	15:00	40.0	32.1	24.7	67.9	
02:30	15:00	23.7	26.9	20.3	40.3	
02:45	15:00	25.7	29.3	20.4	42.3	
03:00	15:00	27.4	31.6	22.0	46.7	
03:15	15:00	36.8	28.3	23.1	53.7	
03:30	15:00	29.7	29.9	24.3	50.8	
03:45	15:00	33.2	33.6	22.4	48.6	
04:00	15:00	37.5	42.2	23.4	53.8	
04:15	15:00	43.8	46.2	30.8	66.1	
04:30	15:00	44.5	47.0	31.4	67.8	
04:45	15:00	50.8	54.5	30.4	69.1	
05:00	15:00	40.8	45.1	27.4	56.3	
05:15	15:00	44.9	44.2	26.9	65.7	
05:30	15:00	51.2	48.0	29.0	76.9	
05:45	15:00	49.8	49.0	27.7	69.9	
06:00	15:00	44.3	44.7	29.2	70.0	
06:15	15:00	38.4	41.9	28.4	58.2	
06:30	15:00	39.7	42.2	33.5	61.0	
06:45	15:00	45.7	45.5	33.7	72.2	
Average 2300-0700		43.2	43.5	27.5	39-77	
Average 0700-2300		53.7	55.7	31.3	37-81	

Noise Survey Results

Date: Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 104

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP11 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	47.8	47.2	33.9	69.0	
07:15	15:00	59.1	63.3	33.2	76.6	
07:30	15:00	55.1	51.3	34.0	74.8	
07:45	15:00	49.7	48.3	33.5	70.5	
08:00	15:00	51.5	51.1	36.1	71.7	
08:15	15:00	49.1	46.8	35.1	71.3	
08:30	15:00	57.7	60.5	35.3	80.3	
08:45	15:00	51.1	50.9	35.3	70.9	
09:00	15:00	53.7	54.6	36.1	72.7	
09:15	15:00	50.2	50.3	34.0	72.8	
09:30	15:00	57.8	61.2	35.4	74.3	
09:45	15:00	53.9	54.0	34.2	72.5	
10:00	15:00	51.4	50.4	35.7	73.4	
10:15	15:00	53.5	53.5	35.4	72.4	
10:30	15:00	57.3	56.4	36.2	77.4	
10:45	15:00	54.1	53.8	35.0	74.7	
11:00	15:00	54.6	56.5	35.2	72.8	
11:15	15:00	54.8	56.7	35.2	71.8	
11:30	15:00	54.0	53.6	33.4	75.9	
11:45	15:00	51.5	52.0	35.8	72.0	
12:00	15:00	51.5	51.1	34.2	72.6	
12:15	15:00	53.4	53.7	33.9	71.9	
12:30	15:00	53.6	53.5	35.1	74.7	
12:45	15:00	53.7	52.3	35.1	76.8	
13:00	15:00	52.2	52.6	34.9	72.3	
13:15	15:00	56.2	55.1	35.1	82.4	
13:30	15:00	50.5	49.2	33.7	74.0	
13:45	15:00	51.3	48.9	32.1	74.6	
14:00	15:00	51.1	49.8	31.6	71.1	
14:15	15:00	50.3	49.3	32.3	71.0	
14:30	15:00	51.9	52.2	33.9	71.8	
14:45	15:00	49.4	48.8	33.6	70.7	
Average 0700-1500		53.8	54.9	34.6	69-82	

Noise Survey Results

Date: Saturday 18th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP11 - Green End**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 105

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	49.7	47.5	34.3	69.7	
15:15	15:00	51.6	52.9	33.7	70.3	
15:30	15:00	51.2	50.0	32.9	70.9	
15:45	15:00	50.6	49.4	33.9	72.0	
16:00	15:00	49.7	45.7	32.7	70.4	
16:15	15:00	54.6	45.8	31.0	80.4	
16:30	15:00	53.9	55.6	34.0	72.1	
16:45	15:00	51.2	49.4	33.1	72.1	
17:00	15:00	53.9	53.6	34.0	73.7	
17:15	15:00	51.6	51.5	35.0	71.7	
17:30	15:00	56.5	57.2	35.9	78.2	
17:45	15:00	60.0	59.3	37.8	86.3	
18:00	15:00	53.0	53.1	36.2	71.3	
18:15	15:00	53.3	50.1	33.7	77.2	
18:30	15:00	51.7	51.9	34.4	73.9	
18:45	15:00	52.4	51.3	34.0	72.4	
19:00	15:00	48.6	47.5	31.5	71.2	
19:15	15:00	49.6	47.8	31.3	73.2	
19:30	15:00	51.0	51.5	32.5	71.7	
19:45	15:00	46.3	46.0	32.3	68.3	
20:00	15:00	51.9	49.6	33.0	75.0	
20:15	15:00	52.1	50.5	32.3	78.3	
20:30	15:00	55.7	60.0	32.8	73.2	
20:45	15:00	49.2	51.4	30.6	70.5	
21:00	15:00	47.3	46.5	30.4	70.8	
21:15	15:00	46.7	45.6	27.9	71.6	
21:30	15:00	37.2	42.0	26.9	52.0	
21:45	15:00	48.4	43.6	25.8	72.1	
22:00	15:00	42.9	37.6	27.0	68.0	
22:15	15:00	33.6	36.6	26.9	49.0	
22:30	15:00	46.0	42.4	28.6	70.8	
22:45	15:00	34.6	38.1	27.3	46.1	
Average 1500-2300		52.0	52.0	32.8	46-86	

Noise Survey Results

Date: Saturday 18th - Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP11 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

TABLE 106

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	43.4	38.8	28.2	69.3	
23:15	15:00	49.1	43.2	28.3	71.6	
23:30	15:00	32.9	35.9	27.6	45.1	
23:45	15:00	44.7	37.7	26.6	67.9	
00:00	15:00	42.1	36.0	27.4	69.4	
00:15	15:00	44.6	34.4	24.9	71.5	
00:30	15:00	47.5	34.9	26.9	70.7	
00:45	15:00	48.3	37.5	27.3	70.1	
01:00	15:00	50.8	41.3	29.3	75.6	
01:15	15:00	51.3	45.4	24.4	74.4	
01:30	15:00	42.5	31.1	21.0	70.4	
01:45	15:00	44.0	32.7	20.7	70.5	
02:00	15:00	28.1	31.6	21.1	46.3	
02:15	15:00	28.0	31.9	20.4	42.8	
02:30	15:00	42.1	27.0	20.8	70.6	
02:45	15:00	45.2	33.9	21.7	70.6	
03:00	15:00	28.0	31.0	21.6	46.9	
03:15	15:00	27.2	30.4	21.3	42.9	
03:30	15:00	24.3	25.4	21.3	41.5	
03:45	15:00	27.0	30.0	21.5	42.4	
04:00	15:00	31.8	32.0	24.0	51.3	
04:15	15:00	40.2	44.6	29.3	54.3	
04:30	15:00	49.2	49.3	31.5	70.9	
04:45	15:00	56.0	61.3	32.8	68.3	
05:00	15:00	40.2	44.2	29.6	63.7	
05:15	15:00	43.5	46.5	29.4	65.7	
05:30	15:00	40.1	44.3	30.1	55.0	
05:45	15:00	49.5	51.3	30.0	74.2	
06:00	15:00	46.7	46.1	28.8	71.2	
06:15	15:00	48.6	45.9	30.3	68.2	
06:30	15:00	51.8	51.7	31.3	72.0	
06:45	15:00	53.0	56.8	31.2	70.4	
Average 2300-0700		47.3	48.9	27.8	42-76	
Average 0700-2300		53.0	53.7	33.8	46-86	

Noise Survey Results

Date: Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 107

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP11 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	46.1	45.8	31.0	69.4	
07:15	15:00	40.3	44.4	31.1	56.5	
07:30	15:00	44.3	43.5	32.6	71.6	
07:45	15:00	56.9	51.7	32.6	78.8	
08:00	15:00	53.7	55.6	32.4	76.8	
08:15	15:00	50.6	47.2	32.7	75.0	
08:30	15:00	48.1	45.9	32.6	71.8	
08:45	15:00	48.1	43.4	31.6	74.1	
09:00	15:00	51.5	48.4	33.4	75.2	
09:15	15:00	54.4	54.4	33.8	73.6	
09:30	15:00	52.1	50.3	33.8	76.5	
09:45	15:00	49.0	47.1	35.0	71.0	
10:00	15:00	47.9	46.4	33.5	70.6	
10:15	15:00	50.9	51.7	34.2	73.2	
10:30	15:00	50.3	48.0	34.0	75.4	
10:45	15:00	57.2	61.0	34.1	74.3	
11:00	15:00	52.6	53.5	33.6	74.3	
11:15	15:00	57.6	61.9	34.1	75.0	
11:30	15:00	51.6	48.2	34.1	77.6	
11:45	15:00	49.6	47.6	34.8	71.5	
12:00	15:00	50.6	49.0	34.3	73.3	
12:15	15:00	52.5	55.6	35.8	70.6	
12:30	15:00	58.4	63.5	36.0	73.5	
12:45	15:00	55.8	51.6	35.0	84.9	
13:00	15:00	55.7	49.9	32.8	84.7	
13:15	15:00	53.3	47.2	33.9	76.5	
13:30	15:00	48.3	45.9	35.3	71.9	
13:45	15:00	50.3	50.1	33.4	70.3	
14:00	15:00	47.7	45.0	33.9	69.8	
14:15	15:00	56.5	54.4	33.9	85.4	
14:30	15:00	52.4	53.9	35.6	71.4	
14:45	15:00	52.2	51.8	34.6	73.2	
Average 0700-1500		53.0	54.2	33.9	57-85	

Noise Survey Results

Date: Sunday 19th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP11 - Green End**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 108

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	51.9	48.4	35.6	77.7	
15:15	15:00	44.7	43.3	33.9	65.8	
15:30	15:00	46.9	45.7	32.8	71.4	
15:45	15:00	51.7	52.5	32.4	72.8	
16:00	15:00	52.1	52.1	33.4	75.7	
16:15	15:00	52.2	51.4	33.3	72.9	
16:30	15:00	46.4	41.7	33.7	69.8	
16:45	15:00	48.7	43.3	33.3	70.2	
17:00	15:00	48.4	42.1	33.7	73.6	
17:15	15:00	50.2	46.9	33.5	77.2	
17:30	15:00	37.2	40.1	31.6	50.6	
17:45	15:00	44.0	42.3	31.0	68.7	
18:00	15:00	48.3	48.0	32.9	69.1	
18:15	15:00	51.5	47.0	31.9	74.0	
18:30	15:00	44.3	42.5	31.0	69.2	
18:45	15:00	47.5	47.5	32.1	69.2	
19:00	15:00	49.3	51.1	31.7	70.7	
19:15	15:00	51.4	49.6	32.5	74.7	
19:30	15:00	49.0	45.6	29.0	78.1	
19:45	15:00	47.4	46.6	28.1	70.8	
20:00	15:00	52.4	56.1	29.9	70.3	
20:15	15:00	46.2	45.2	28.9	69.0	
20:30	15:00	38.1	42.0	28.6	58.5	
20:45	15:00	46.0	43.6	27.9	71.7	
21:00	15:00	37.9	42.4	27.2	59.3	
21:15	15:00	44.5	44.7	26.1	70.2	
21:30	15:00	37.9	43.1	25.2	53.6	
21:45	15:00	41.5	35.7	24.6	67.3	
22:00	15:00	41.1	31.0	23.7	67.3	
22:15	15:00	50.2	45.8	24.1	76.4	
22:30	15:00	41.1	32.7	25.5	64.8	
22:45	15:00	29.7	32.2	26.2	39.9	
Average 1500-2300		48.2	47.5	31.2	40-78	

Noise Survey Results

Date: Sunday 19th - Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP11 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

TABLE 109

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	31.3	31.1	25.9	49.5	
23:15	15:00	40.0	32.0	24.7	65.1	
23:30	15:00	26.2	27.8	22.4	42.5	
23:45	15:00	27.2	29.4	21.7	46.7	
00:00	15:00	42.6	28.8	21.3	70.2	
00:15	15:00	26.4	25.4	21.4	51.6	
00:30	15:00	24.9	27.2	22.0	42.2	
00:45	15:00	25.3	27.5	21.8	36.2	
01:00	15:00	27.3	30.0	21.8	46.2	
01:15	15:00	23.8	26.0	21.2	38.7	
01:30	15:00	26.4	29.1	20.9	40.4	
01:45	15:00	25.8	28.3	22.1	35.6	
02:00	15:00	41.2	33.4	22.6	68.4	
02:15	15:00	28.0	31.0	22.3	41.6	
02:30	15:00	24.6	26.9	21.2	34.4	
02:45	15:00	24.1	26.6	20.6	35.5	
03:00	15:00	22.9	24.9	20.5	31.2	
03:15	15:00	42.4	28.4	21.3	69.5	
03:30	15:00	42.8	32.0	22.6	69.3	
03:45	15:00	45.0	34.7	26.0	71.6	
04:00	15:00	44.3	44.3	24.6	70.5	
04:15	15:00	40.4	44.9	30.1	54.0	
04:30	15:00	41.7	46.2	31.1	54.6	
04:45	15:00	39.5	43.7	30.9	53.5	
05:00	15:00	40.8	44.3	31.5	59.5	
05:15	15:00	46.3	45.6	28.8	72.7	
05:30	15:00	39.1	42.4	29.3	56.7	
05:45	15:00	44.4	45.3	31.2	67.2	
06:00	15:00	43.2	43.7	30.5	70.3	
06:15	15:00	54.1	54.4	31.2	74.5	
06:30	15:00	53.8	43.3	32.5	74.7	
06:45	15:00	50.3	47.3	31.6	71.8	
Average 2300-0700		44.4	42.9	27.3	31-75	
Average 0700-2300		51.2	52.0	32.7	40-85	

Noise Survey Results

Date: Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 110

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP11 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

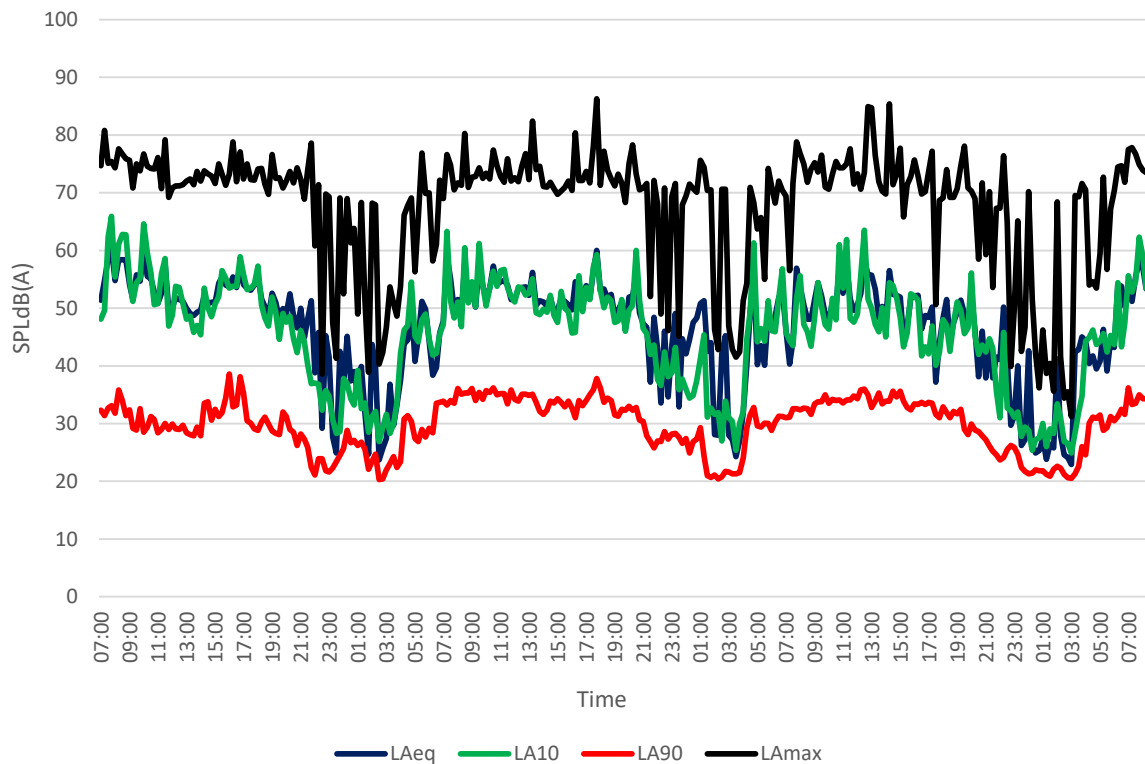
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	53.2	55.6	36.2	77.5	
07:15	15:00	51.2	52.8	33.3	77.8	
07:30	15:00	55.4	54.7	33.5	76.7	
07:45	15:00	58.2	62.3	35.0	74.9	
08:00	15:00	56.9	58.9	34.3	73.9	
08:15	15:00	53.3	53.4	34.3	73.5	
Average 0700-0830		55.3	57.7	34.5	74-78	

Overall Average	45.3	46.0	27.5	31-77	
Overall Average	52.8	54.2	32.8	37-86	

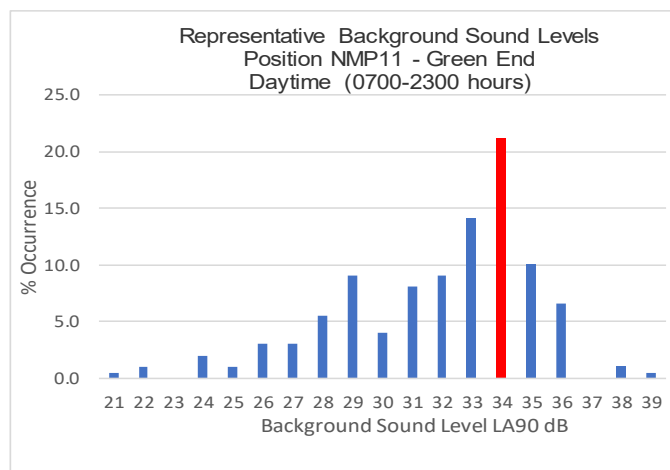
Average 0500-0700	48.4	48.5	30.4	55-77
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	43.5	44.7	25.9	31-76
--------------------------	-------------	-------------	-------------	--------------

Background Sound Survey: Position NMP11 - Green End
Friday 17th - Monday 20th May 2024

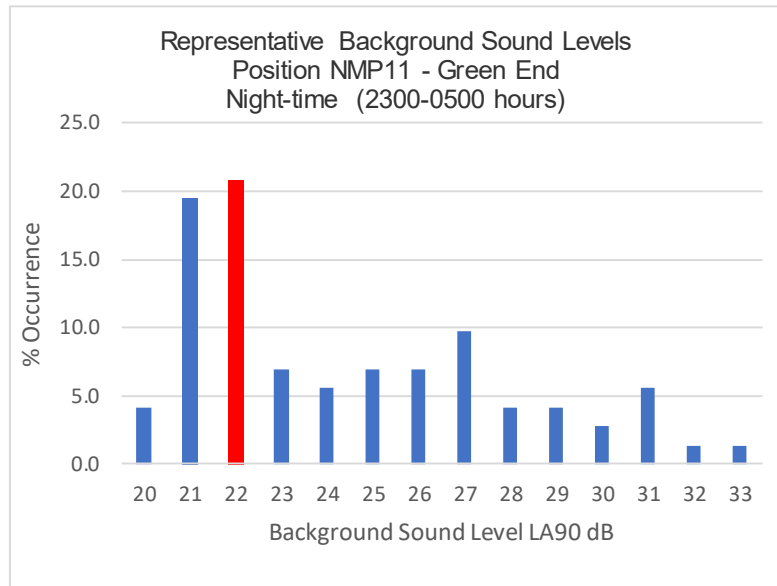


LA90	% Occurrence
21	0.5
22	1.0
23	0.0
24	2.0
25	1.0
26	3.0
27	3.0
28	5.6
29	9.1
30	4.0
31	8.1
32	9.1
33	14.1
34	21.2
35	10.1
36	6.6
37	0.0
38	1.0
39	0.5

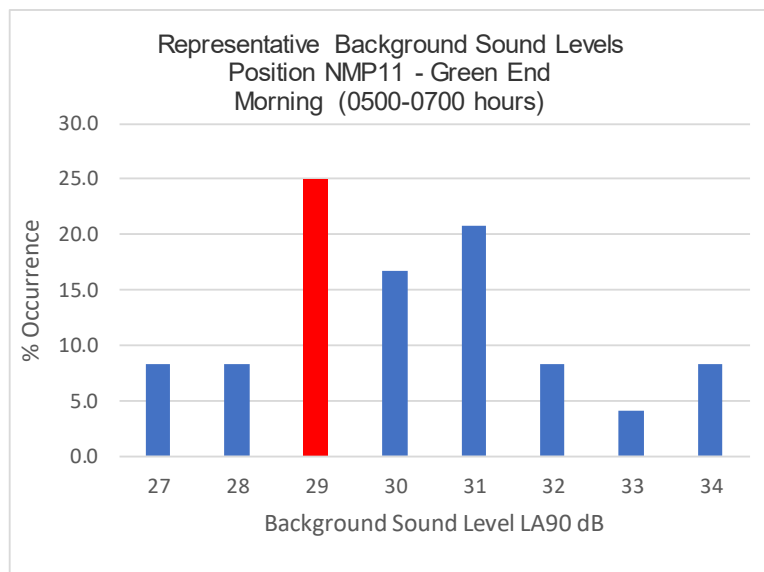


LA90 % Occurrence

20	4.2
21	19.4
22	20.8
23	6.9
24	5.6
25	6.9
26	6.9
27	9.7
28	4.2
29	4.2
30	2.8
31	5.6
32	1.4
33	1.4


LA90 % Occurrence

27	8.3
28	8.3
29	25.0
30	16.7
31	20.8
32	8.3
33	4.2
34	8.3



2.13 NMP 12: Green End

Noise Survey Results

Date: Friday 17th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP12 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

TABLE 111

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	47.5	46.5	31.3	71.2	Intermittent road traffic noise & birdsong
07:15	15:00	51.8	46.1	30.5	76.7	
07:30	15:00	46.6	50.1	30.7	67.1	
07:45	15:00	45.4	47.1	31.1	68.1	
08:00	15:00	44.7	48.5	32.1	57.9	
08:15	15:00	47.1	51.1	33.4	64.3	
08:30	15:00	46.4	50.3	33.0	64.6	
08:45	15:00	43.8	47.2	29.9	60.9	
09:00	15:00	45.2	48.1	30.3	67.7	
09:15	15:00	43.8	47.2	28.6	63.5	
09:30	15:00	42.8	45.8	29.1	59.2	
09:45	15:00	45.6	49.9	31.3	69.6	
10:00	15:00	47.7	52.1	28.1	69.8	
10:15	15:00	45.0	49.3	27.3	68.2	
10:30	15:00	45.4	49.8	29.4	61.2	
10:45	15:00	43.8	49.1	30.8	59.2	
11:00	15:00	45.2	49.6	29.5	61.7	
11:15	15:00	44.5	49.0	28.9	60.5	
11:30	15:00	41.2	45.2	28.5	55.1	
11:45	15:00	40.6	42.9	28.5	59.2	
12:00	15:00	51.2	49.3	30.9	72.8	
12:15	15:00	52.4	50.4	30.9	74.3	
12:30	15:00	41.6	45.7	28.3	58.5	
12:45	15:00	45.5	49.7	27.7	58.3	
13:00	15:00	44.0	44.1	27.3	72.2	
13:15	15:00	48.8	45.2	26.3	71.2	
13:30	15:00	40.5	44.0	27.2	55.5	
13:45	15:00	40.9	42.2	29.0	59.6	
14:00	15:00	40.7	42.8	28.4	56.1	
14:15	15:00	42.6	47.1	29.0	56.6	
14:30	15:00	40.4	43.3	27.9	59.2	
14:45	15:00	44.2	48.5	28.5	60.3	
Average 0700-1500		46.1	48.1	29.8	55-77	

Noise Survey Results

Date: Friday 17th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP12 - Green End**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

TABLE 112

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	44.6	48.9	32.0	60.4	
15:15	15:00	45.7	45.2	27.9	66.2	
15:30	15:00	46.1	50.3	30.7	61.2	
15:45	15:00	47.2	51.2	33.6	62.6	
16:00	15:00	46.5	50.3	34.0	61.8	
16:15	15:00	51.7	49.4	37.0	74.9	
16:30	15:00	44.2	47.8	30.1	62.1	
16:45	15:00	52.9	55.3	33.8	74.9	
17:00	15:00	45.1	48.4	31.7	60.3	
17:15	15:00	42.6	46.5	29.6	56.5	
17:30	15:00	43.8	47.9	30.4	58.9	
17:45	15:00	46.2	48.0	31.0	66.3	
18:00	15:00	43.3	47.2	28.9	60.1	
18:15	15:00	42.3	44.6	29.0	63.2	
18:30	15:00	41.4	43.7	29.7	60.7	
18:45	15:00	41.7	44.4	28.8	69.3	
19:00	15:00	44.9	46.0	27.4	70.6	
19:15	15:00	39.9	42.2	28.0	57.8	
19:30	15:00	43.3	45.1	28.1	69.3	
19:45	15:00	45.8	49.8	32.2	69.3	
20:00	15:00	40.5	43.3	31.4	67.9	
20:15	15:00	39.1	41.2	28.7	61.1	
20:30	15:00	38.6	39.6	28.8	57.6	
20:45	15:00	38.7	40.9	27.7	57.6	
21:00	15:00	40.1	43.0	29.5	57.3	
21:15	15:00	42.3	44.4	27.6	61.0	
21:30	15:00	40.5	40.0	27.6	65.1	
21:45	15:00	40.6	38.9	24.4	62.2	
22:00	15:00	34.5	37.7	24.6	50.7	
22:15	15:00	36.9	37.4	25.1	56.8	
22:30	15:00	32.1	32.3	26.1	50.8	
22:45	15:00	36.9	39.4	25.6	54.0	
Average 1500-2300		44.7	47.1	30.4	51-75	

Noise Survey Results

Date: Friday 17th - Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP12 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

TABLE 113

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	35.9	33.8	25.8	57.4	
23:15	15:00	26.1	30.3	23.1	38.7	
23:30	15:00	24.1	28.0	19.7	38.4	
23:45	15:00	31.8	29.5	21.4	52.8	
00:00	15:00	36.6	37.4	23.2	52.5	
00:15	15:00	34.8	35.8	22.5	52.2	
00:30	15:00	31.2	33.5	22.4	49.1	
00:45	15:00	33.1	35.7	23.5	52.3	
01:00	15:00	35.3	39.9	24.7	48.6	
01:15	15:00	33.0	30.2	24.9	53.6	
01:30	15:00	32.5	34.3	25.1	54.0	
01:45	15:00	24.5	28.6	19.5	38.2	
02:00	15:00	36.1	34.1	22.2	55.4	
02:15	15:00	33.6	33.0	22.6	54.8	
02:30	15:00	23.4	27.0	18.9	40.1	
02:45	15:00	26.0	29.3	19.2	38.5	
03:00	15:00	27.9	31.5	20.4	44.9	
03:15	15:00	36.9	40.3	23.2	53.5	
03:30	15:00	27.3	30.7	21.2	43.2	
03:45	15:00	33.3	32.6	23.4	50.0	
04:00	15:00	30.8	32.0	23.9	47.9	
04:15	15:00	52.8	55.2	29.6	76.9	
04:30	15:00	45.9	49.2	28.8	68.2	
04:45	15:00	38.3	42.4	27.1	53.5	
05:00	15:00	34.1	36.0	27.1	52.1	
05:15	15:00	39.9	39.7	27.6	66.0	
05:30	15:00	42.9	44.6	30.7	62.9	
05:45	15:00	39.3	41.8	29.5	56.6	
06:00	15:00	38.9	42.1	29.8	55.5	
06:15	15:00	36.7	38.3	27.8	61.0	
06:30	15:00	37.5	40.8	29.7	51.3	
06:45	15:00	39.7	41.9	33.2	58.1	
Average 2300-0700		40.3	42.7	26.3	38-77	
Average 0700-2300		45.5	47.6	30.1	51-77	

Noise Survey Results

Date: Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 114

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP12 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	42.4	46.6	33.6	59.2	
07:15	15:00	43.5	45.2	33.1	65.5	
07:30	15:00	41.6	43.7	33.4	67.8	
07:45	15:00	48.0	47.1	33.1	67.5	
08:00	15:00	43.9	46.0	34.2	67.4	
08:15	15:00	40.9	43.8	34.9	56.2	
08:30	15:00	44.8	47.3	34.8	65.3	
08:45	15:00	40.8	43.8	33.2	53.7	
09:00	15:00	44.6	47.5	34.0	62.6	
09:15	15:00	42.2	45.8	33.0	57.2	
09:30	15:00	42.5	46.4	34.3	58.9	
09:45	15:00	43.9	48.3	33.8	57.8	
10:00	15:00	42.7	46.6	34.0	57.4	
10:15	15:00	43.8	48.2	35.1	54.5	
10:30	15:00	50.2	49.9	35.1	70.5	
10:45	15:00	43.8	47.2	33.8	63.8	
11:00	15:00	43.4	46.9	34.3	62.9	
11:15	15:00	43.5	47.6	34.7	56.4	
11:30	15:00	43.6	46.3	32.3	61.6	
11:45	15:00	44.4	48.1	33.9	63.8	
12:00	15:00	43.6	45.3	33.2	70.5	
12:15	15:00	46.5	46.9	33.9	77.0	
12:30	15:00	44.8	47.3	33.9	72.7	
12:45	15:00	44.3	48.0	34.9	61.8	
13:00	15:00	44.7	48.4	37.0	57.6	
13:15	15:00	50.0	48.2	35.3	74.5	
13:30	15:00	39.2	41.5	31.6	55.2	
13:45	15:00	41.0	44.6	31.3	56.0	
14:00	15:00	41.0	45.1	30.9	54.6	
14:15	15:00	40.5	43.4	32.0	54.8	
14:30	15:00	44.7	47.4	32.9	63.7	
14:45	15:00	40.3	43.6	32.5	54.5	
Average 0700-1500		44.4	46.6	33.8	54-77	

Noise Survey Results

Date: Saturday 18th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP12 - Green End**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

TABLE 115

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	41.7	44.7	34.5	59.7	
15:15	15:00	43.1	46.7	34.3	58.2	
15:30	15:00	44.3	47.5	31.8	68.6	
15:45	15:00	42.9	45.3	33.6	67.9	
16:00	15:00	42.2	45.3	33.1	59.3	
16:15	15:00	43.5	42.6	31.6	71.4	
16:30	15:00	43.0	47.0	33.3	61.1	
16:45	15:00	45.2	46.4	33.3	75.5	
17:00	15:00	43.3	47.2	34.5	56.9	
17:15	15:00	42.0	44.9	34.3	56.9	
17:30	15:00	44.4	48.4	35.2	57.3	
17:45	15:00	48.6	50.2	37.0	71.6	
18:00	15:00	44.2	47.3	35.4	60.7	
18:15	15:00	44.3	46.9	33.7	65.4	
18:30	15:00	44.5	47.3	37.1	59.7	
18:45	15:00	44.8	47.7	36.6	60.7	
19:00	15:00	44.7	47.1	35.7	67.9	
19:15	15:00	39.7	41.7	33.5	53.9	
19:30	15:00	41.5	45.5	32.5	55.7	
19:45	15:00	45.5	49.1	32.8	61.9	
20:00	15:00	45.8	48.2	33.2	67.3	
20:15	15:00	44.4	48.3	30.1	61.6	
20:30	15:00	43.8	48.1	31.0	56.6	
20:45	15:00	41.7	45.3	30.8	58.5	
21:00	15:00	38.8	40.9	30.9	54.4	
21:15	15:00	44.9	50.0	29.1	60.4	
21:30	15:00	34.5	35.4	29.3	59.1	
21:45	15:00	40.2	41.4	28.1	57.2	
22:00	15:00	36.0	36.5	28.0	53.9	
22:15	15:00	31.6	34.4	26.1	43.4	
22:30	15:00	40.0	41.8	29.1	57.8	
22:45	15:00	34.5	37.1	28.0	46.2	
Average 1500-2300		43.3	46.2	33.2	43-76	

Noise Survey Results

Date: Saturday 18th - Sunday 19th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP12 - Green End**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

TABLE 116

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	36.9	39.9	28.5	51.5	
23:15	15:00	42.3	43.7	28.4	58.0	
23:30	15:00	34.4	37.1	28.8	42.6	
23:45	15:00	36.7	37.8	27.1	53.8	
00:00	15:00	37.7	39.7	27.9	56.2	
00:15	15:00	37.5	39.4	30.2	53.7	
00:30	15:00	40.1	40.5	27.6	57.2	
00:45	15:00	40.0	44.0	27.8	54.3	
01:00	15:00	41.7	42.3	28.9	59.4	
01:15	15:00	41.4	44.9	24.1	57.9	
01:30	15:00	36.7	32.9	23.8	56.2	
01:45	15:00	32.8	32.1	23.9	53.3	
02:00	15:00	26.4	29.5	21.2	43.7	
02:15	15:00	26.7	30.1	20.3	47.1	
02:30	15:00	32.7	26.7	20.4	55.2	
02:45	15:00	35.4	34.3	21.6	54.2	
03:00	15:00	36.4	34.3	22.4	56.0	
03:15	15:00	28.1	31.0	23.5	40.5	
03:30	15:00	26.5	29.3	22.6	40.4	
03:45	15:00	30.6	33.5	23.8	48.0	
04:00	15:00	32.2	35.2	25.7	49.6	
04:15	15:00	42.4	42.3	31.2	62.2	
04:30	15:00	44.8	49.0	33.4	59.0	
04:45	15:00	42.7	46.2	33.1	62.1	
05:00	15:00	39.4	42.0	33.0	59.9	
05:15	15:00	46.2	44.2	31.2	68.5	
05:30	15:00	38.3	40.8	31.9	52.4	
05:45	15:00	39.1	40.8	30.4	56.1	
06:00	15:00	38.1	39.5	29.3	55.5	
06:15	15:00	36.5	39.4	30.0	56.5	
06:30	15:00	38.0	40.2	32.6	57.0	
06:45	15:00	40.7	43.9	33.6	56.3	
Average 2300-0700		39.2	41.2	29.1	40-69	
Average 0700-2300		43.9	46.4	33.5	43-77	

Noise Survey Results

Date: Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 117

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP12 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	40.5	43.5	34.7	53.6	
07:15	15:00	43.7	46.2	36.9	63.2	
07:30	15:00	44.5	46.6	37.3	66.2	
07:45	15:00	42.3	44.9	36.1	57.0	
08:00	15:00	44.0	46.3	37.5	62.5	
08:15	15:00	44.4	47.9	38.1	58.8	
08:30	15:00	47.5	49.8	38.2	67.7	
08:45	15:00	49.4	49.7	37.4	71.9	
09:00	15:00	44.5	47.9	38.0	59.1	
09:15	15:00	45.2	48.5	38.0	63.1	
09:30	15:00	45.8	48.3	38.7	65.3	
09:45	15:00	44.4	47.3	39.3	55.9	
10:00	15:00	43.2	46.1	37.5	56.4	
10:15	15:00	46.7	47.7	38.8	68.3	
10:30	15:00	46.0	49.1	38.7	62.9	
10:45	15:00	42.8	45.5	36.5	64.4	
11:00	15:00	45.5	48.1	34.7	66.8	
11:15	15:00	45.3	48.8	36.8	59.8	
11:30	15:00	45.2	48.4	38.3	60.6	
11:45	15:00	46.3	49.1	39.9	63.5	
12:00	15:00	49.1	50.7	40.4	70.1	
12:15	15:00	51.0	53.5	42.6	68.6	
12:30	15:00	49.1	51.9	43.3	57.8	
12:45	15:00	48.4	51.2	40.7	63.2	
13:00	15:00	50.7	51.2	37.2	71.8	
13:15	15:00	51.9	49.5	38.3	72.9	
13:30	15:00	48.1	51.2	41.1	61.5	
13:45	15:00	47.2	50.3	38.6	64.8	
14:00	15:00	46.3	49.6	38.2	61.4	
14:15	15:00	49.2	52.1	37.4	65.6	
14:30	15:00	50.7	53.5	43.6	65.9	
14:45	15:00	48.8	52.0	42.1	63.3	
Average 0700-1500		47.3	49.6	39.1	54-73	

Noise Survey Results

Date: Sunday 19th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP12 - Green End**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

TABLE 118

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	47.7	50.9	40.8	61.3	
15:15	15:00	48.0	51.3	40.8	62.7	
15:30	15:00	45.9	49.1	39.5	57.8	
15:45	15:00	47.2	50.4	38.2	66.3	
16:00	15:00	45.5	48.5	39.1	58.6	
16:15	15:00	47.7	50.0	40.9	63.8	
16:30	15:00	46.0	49.0	39.6	61.2	
16:45	15:00	47.4	50.4	41.2	61.0	
17:00	15:00	46.7	49.2	42.4	57.2	
17:15	15:00	47.8	50.3	42.0	65.9	
17:30	15:00	45.8	48.9	39.6	59.8	
17:45	15:00	46.6	49.7	39.1	59.9	
18:00	15:00	46.7	49.7	39.8	61.1	
18:15	15:00	45.5	48.3	38.6	59.3	
18:30	15:00	46.0	47.4	36.5	69.2	
18:45	15:00	44.9	47.9	38.5	63.0	
19:00	15:00	43.3	46.5	36.0	57.5	
19:15	15:00	43.8	46.8	35.3	60.5	
19:30	15:00	41.5	45.2	33.0	56.4	
19:45	15:00	39.9	42.7	31.7	56.9	
20:00	15:00	45.2	44.9	34.3	75.9	
20:15	15:00	38.0	40.9	31.6	54.3	
20:30	15:00	38.6	41.1	30.6	62.2	
20:45	15:00	40.9	41.8	29.6	61.6	
21:00	15:00	36.7	37.1	27.6	58.5	
21:15	15:00	37.3	41.1	26.6	52.2	
21:30	15:00	30.7	32.7	25.6	49.5	
21:45	15:00	31.9	34.6	25.2	45.2	
22:00	15:00	33.8	34.9	24.5	53.2	
22:15	15:00	42.5	47.1	28.7	56.3	
22:30	15:00	38.3	41.7	31.6	51.3	
22:45	15:00	38.1	40.9	30.7	59.3	
Average 1500-2300		44.5	47.4	37.5	45-76	

Noise Survey Results

Date: Sunday 19th - Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 119

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP12 - Green End**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	37.8	40.9	30.1	53.6	
23:15	15:00	35.2	37.5	26.7	52.2	
23:30	15:00	27.2	30.2	22.5	44.9	
23:45	15:00	35.0	30.4	21.4	59.8	
00:00	15:00	32.1	29.1	20.4	53.2	
00:15	15:00	23.6	25.7	20.9	38.6	
00:30	15:00	31.6	34.8	22.3	50.9	
00:45	15:00	31.4	34.1	23.9	53.2	
01:00	15:00	34.0	36.7	24.6	54.2	
01:15	15:00	33.8	37.2	23.0	51.9	
01:30	15:00	32.5	35.5	26.5	50.6	
01:45	15:00	40.7	44.0	28.0	59.9	
02:00	15:00	39.9	43.1	33.6	53.3	
02:15	15:00	38.7	42.0	32.0	53.1	
02:30	15:00	34.1	37.6	26.2	52.1	
02:45	15:00	36.5	40.1	28.1	53.5	
03:00	15:00	33.5	36.3	27.0	53.9	
03:15	15:00	36.5	38.3	27.5	59.9	
03:30	15:00	38.9	41.1	31.1	54.7	
03:45	15:00	40.5	43.9	29.7	57.3	
04:00	15:00	36.4	39.6	30.6	51.1	
04:15	15:00	48.6	51.8	33.2	65.7	
04:30	15:00	48.3	51.8	34.7	67.1	
04:45	15:00	42.7	47.1	31.6	59.6	
05:00	15:00	43.5	46.2	29.2	70.1	
05:15	15:00	40.6	43.8	28.8	62.4	
05:30	15:00	35.9	39.1	28.6	54.8	
05:45	15:00	39.4	41.6	32.7	60.1	
06:00	15:00	41.1	44.2	33.8	53.3	
06:15	15:00	46.2	46.3	34.2	68.4	
06:30	15:00	41.1	44.4	35.3	54.2	
06:45	15:00	42.2	45.1	35.4	56.0	
Average 2300-0700		40.7	43.6	30.5	39-70	
Average 0700-2300		46.1	48.6	38.4	45-76	

Noise Survey Results

Date: Monday 20th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP12 - Green End**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

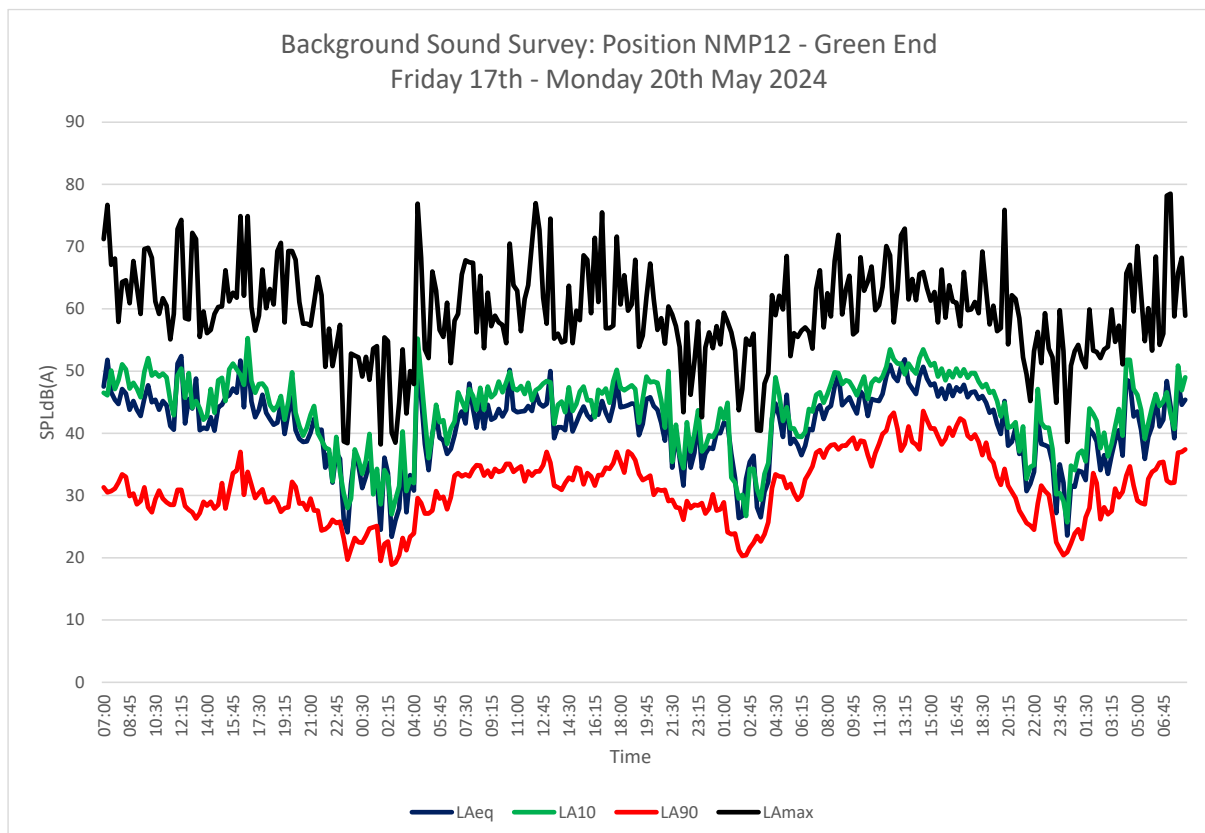
TABLE 120

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	48.4	46.6	32.4	78.2	
07:15	15:00	44.4	43.2	32.0	78.5	
07:30	15:00	39.2	40.7	32.1	58.8	
07:45	15:00	48.5	50.9	36.9	65.7	
08:00	15:00	44.6	46.9	37.0	68.2	
08:15	15:00	45.4	49.0	37.4	58.9	
08:30	15:00	52.0	52.9	39.5	82.3	
Average 0700-0845		47.5	48.7	36.2	59-82	

Overall Average	40.1	42.6	28.9	38-77	
Overall Average	45.4	47.7	35.3	43-82	

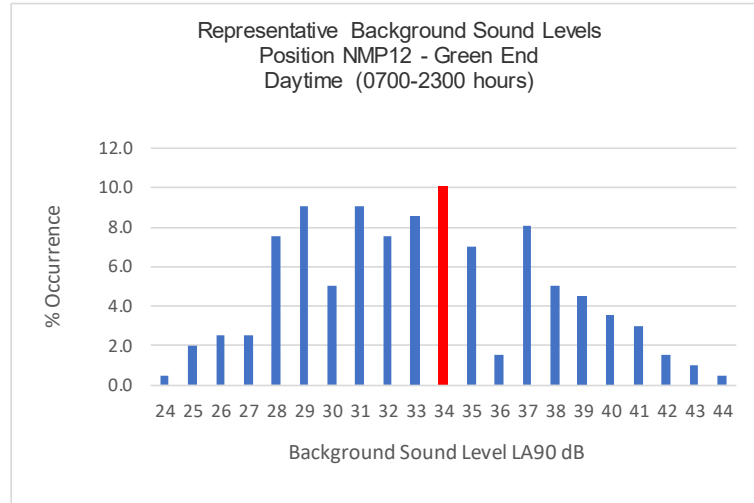
Average 0500-0700	40.8	42.6	31.7	51-70
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	40	42.7	27.6	38-77
--------------------------	-----------	-------------	-------------	--------------

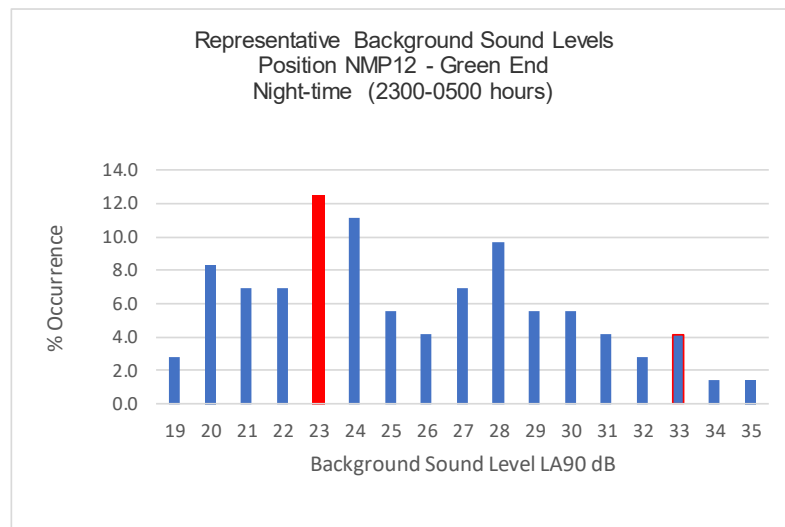


LA90 % Occurrence

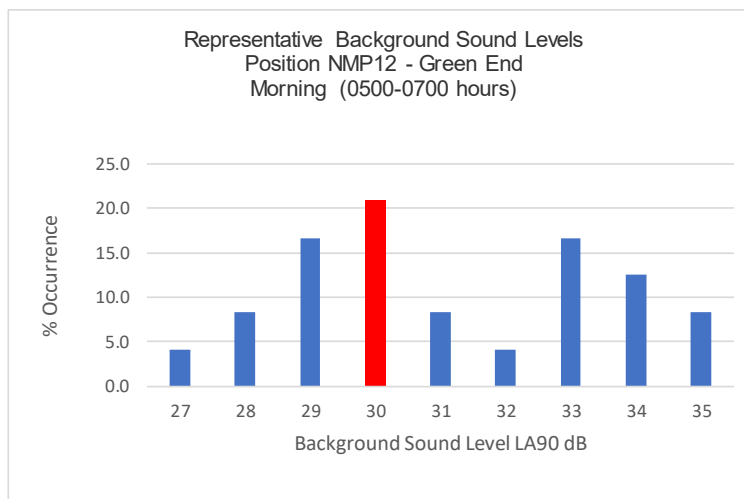
24	0.5
25	2.0
26	2.5
27	2.5
28	7.5
29	9.0
30	5.0
31	9.0
32	7.5
33	8.5
34	10.1
35	7.0
36	1.5
37	8.0
38	5.0
39	4.5
40	3.5
41	3.0
42	1.5
43	1.0
44	0.5


LA90 % Occurrence

19	2.8
20	8.3
21	6.9
22	6.9
23	12.5
24	11.1
25	5.6
26	4.2
27	6.9
28	9.7
29	5.6
30	5.6
31	4.2
32	2.8
33	4.2
34	1.4
35	1.4



LA90	% Occurrence
27	4.2
28	8.3
29	16.7
30	20.8
31	8.3
32	4.2
33	16.7
34	12.5
35	8.3



2.14 NMP 13: Little Staughton Road

Noise Survey Results

Date: Friday 17th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 81

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**

Instrumentation: Cirrus 171A Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	55.0	53.1	37.3	75.3	Occasional road traffic, birdsong & distant dog barking generally forms the noise climate
07:15	15:00	59.3	53.9	36.5	86.5	
07:30	15:00	59.0	58.8	36.5	79.7	
07:45	15:00	58.0	57.4	37.5	75.0	
08:00	15:00	57.1	57.2	36.4	73.8	
08:15	15:00	57.6	56.7	38.6	74.3	
08:30	15:00	58.9	60.2	38.2	76.2	
08:45	15:00	58.6	57.9	37.4	77.6	
09:00	15:00	57.3	53.0	34.9	81.1	
09:15	15:00	56.6	53.1	35.3	76.3	
09:30	15:00	54.9	52.2	33.7	74.7	
09:45	15:00	55.6	53.8	36.9	76.4	
10:00	15:00	54.4	52.3	34.2	73.3	
10:15	15:00	56.3	54.8	33.3	78.8	
10:30	15:00	53.1	48.7	34.5	74.4	
10:45	15:00	53.7	50.5	34.5	75.2	
11:00	15:00	54.3	50.9	32.6	73.6	
11:15	15:00	50.9	49.7	33.2	72.8	
11:30	15:00	55.3	52.3	32.7	75.8	
11:45	15:00	52.8	49.1	33.3	74.2	
12:00	15:00	55.4	51.6	31.6	74.6	
12:15	15:00	55.7	55.6	32.4	75.7	
12:30	15:00	52.9	49.4	30.4	73.8	
12:45	15:00	56.1	53.7	31.6	76.0	
13:00	15:00	55.0	54.4	30.5	78.4	
13:15	15:00	47.4	42.3	28.7	70.9	
13:30	15:00	58.7	49.7	32.1	85.3	
13:45	15:00	52.3	45.4	29.4	76.4	
14:00	15:00	57.5	54.4	30.3	80.4	
14:15	15:00	56.3	54.6	34.3	74.7	
14:30	15:00	55.5	54.5	34.0	77.5	
14:45	15:00	55.2	51.5	31.1	76.6	
Average 0700-1500		56.1	54.2	34.6	71-87	

Noise Survey Results

Date: Friday 17th May 2024

TABLE 82

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**

Instrumentation: Cirrus 171A Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	58.1	55.5	35.2	82.9	
15:15	15:00	56.2	54.2	29.6	77.4	
15:30	15:00	55.0	51.9	33.1	76.3	
15:45	15:00	59.0	55.9	33.6	87.2	
16:00	15:00	58.6	60.9	33.3	75.2	
16:15	15:00	59.8	57.1	31.4	82.4	
16:30	15:00	57.3	56.3	32.0	77.0	
16:45	15:00	57.1	58.6	37.5	76.2	
17:00	15:00	57.0	56.9	33.7	74.5	
17:15	15:00	57.5	57.2	35.4	77.1	
17:30	15:00	57.0	56.6	32.1	75.1	
17:45	15:00	57.4	55.1	31.5	78.4	
18:00	15:00	54.6	52.0	30.2	73.9	
18:15	15:00	66.9	55.4	32.1	98.2	
18:30	15:00	55.4	53.1	32.1	75.8	
18:45	15:00	55.9	51.2	31.2	79.9	
19:00	15:00	56.0	52.3	30.9	77.9	
19:15	15:00	56.4	51.6	31.8	80.4	
19:30	15:00	52.3	45.9	31.3	77.2	
19:45	15:00	53.1	46.7	33.9	74.9	
20:00	15:00	51.4	45.3	33.3	75.2	
20:15	15:00	52.8	47.2	31.4	74.1	
20:30	15:00	53.6	45.7	31.8	76.2	
20:45	15:00	46.8	41.2	28.7	75.8	
21:00	15:00	50.1	43.1	30.0	73.2	
21:15	15:00	45.9	42.7	29.9	72.2	
21:30	15:00	48.3	43.1	28.5	71.1	
21:45	15:00	47.3	43.3	26.7	73.4	
22:00	15:00	48.0	39.5	24.1	74.8	
22:15	15:00	49.4	41.7	26.3	72.4	
22:30	15:00	48.5	39.1	25.6	73.8	
22:45	15:00	45.8	32.1	22.9	70.9	
Average 1500-2300		56.7	53.6	31.9	71-98	

Noise Survey Results

Date: Friday 17th - Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 83

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**

Instrumentation: Cirrus 171A Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	50.9	43.3	23.1	71.8	
23:15	15:00	48.6	36.1	22.3	76.2	
23:30	15:00	28.3	30.1	23.6	45.3	
23:45	15:00	43.2	31.5	23.9	70.5	
00:00	15:00	36.7	38.8	24.1	52.4	
00:15	15:00	50.8	36.2	23.6	77.2	
00:30	15:00	29.9	32.7	23.1	44.4	
00:45	15:00	42.6	32.5	23.4	69.9	
01:00	15:00	34.9	37.3	23.3	49.9	
01:15	15:00	42.5	34.6	23.5	68.3	
01:30	15:00	37.0	37.7	23.4	57.3	
01:45	15:00	32.8	34.7	23.5	50.7	
02:00	15:00	46.4	33.4	23.9	72.4	
02:15	15:00	44.5	32.7	23.9	72.1	
02:30	15:00	27.8	30.1	24.8	44.4	
02:45	15:00	30.3	33.3	26.1	46.2	
03:00	15:00	31.7	34.9	26.3	45.4	
03:15	15:00	35.8	32.7	25.9	55.4	
03:30	15:00	33.5	33.8	26.3	53.8	
03:45	15:00	36.2	37.0	25.7	52.1	
04:00	15:00	48.7	48.4	32.1	71.5	
04:15	15:00	51.2	54.2	36.8	71.9	
04:30	15:00	49.2	48.7	36.7	72.8	
04:45	15:00	42.8	46.9	35.2	56.3	
05:00	15:00	43.7	48.5	33.1	60.5	
05:15	15:00	40.5	41.4	32.4	60.2	
05:30	15:00	47.1	46.4	32.3	72.9	
05:45	15:00	37.1	39.7	32.9	48.5	
06:00	15:00	45.8	40.3	32.9	74.4	
06:15	15:00	48.5	38.9	31.6	77.1	
06:30	15:00	38.5	41.3	33.0	49.8	
06:45	15:00	45.6	47.9	36.0	68.5	
Average 2300-0700		45.0	43.7	30.5	44-77	
Average 0700-2300		56.4	53.9	33.5	71-98	

Noise Survey Results

Date: Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 84

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**

Instrumentation: Cirrus 171A Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	51.9	50.9	35.5	72.5	
07:15	15:00	49.0	44.2	35.6	72.8	
07:30	15:00	53.1	48.0	34.6	76.9	
07:45	15:00	56.2	54.6	36.7	76.6	
08:00	15:00	51.8	50.5	36.8	72.4	
08:15	15:00	52.2	48.7	36.9	72.9	
08:30	15:00	53.0	49.7	37.2	75.1	
08:45	15:00	55.2	52.1	36.1	78.1	
09:00	15:00	52.5	50.7	35.4	79.3	
09:15	15:00	54.5	51.8	36.3	74.2	
09:30	15:00	54.5	50.2	36.4	74.4	
09:45	15:00	56.9	57.4	38.8	74.6	
10:00	15:00	54.7	55.3	37.8	73.4	
10:15	15:00	57.0	56.7	37.3	74.8	
10:30	15:00	59.7	60.5	37.9	78.5	
10:45	15:00	56.4	53.2	36.3	80.8	
11:00	15:00	58.0	59.6	37.8	74.4	
11:15	15:00	58.7	59.5	37.2	76.9	
11:30	15:00	56.3	56.9	37.8	73.7	
11:45	15:00	57.2	57.6	38.2	75.5	
12:00	15:00	56.6	56.6	38.2	74.7	
12:15	15:00	56.0	53.8	36.8	77.8	
12:30	15:00	56.1	55.5	38.0	74.2	
12:45	15:00	57.4	57.2	40.9	77.0	
13:00	15:00	55.7	55.4	37.5	73.3	
13:15	15:00	56.5	54.1	37.1	80.5	
13:30	15:00	54.5	51.0	35.7	74.2	
13:45	15:00	55.0	52.9	36.1	76.2	
14:00	15:00	54.0	49.5	35.4	74.6	
14:15	15:00	54.2	50.4	36.0	74.4	
14:30	15:00	56.6	54.4	35.9	77.1	
14:45	15:00	55.1	52.0	36.7	75.2	
Average 0700-1500		55.7	54.9	37.0	72-81	

Noise Survey Results

Date: Saturday 18th May 2024 TABLE 85
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**
 Instrumentation: Cirrus 171A Real Time Analyser (G304789)
 Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	55.0	52.8	37.3	74.0	
15:15	15:00	54.8	53.8	36.7	73.3	
15:30	15:00	54.0	48.8	35.7	74.0	
15:45	15:00	56.1	54.8	36.7	74.7	
16:00	15:00	54.8	53.4	36.7	74.6	
16:15	15:00	50.8	47.8	37.1	71.8	
16:30	15:00	53.1	50.4	35.6	74.0	
16:45	15:00	52.0	48.6	35.5	73.0	
17:00	15:00	55.2	54.7	36.8	74.8	
17:15	15:00	54.1	50.7	37.7	75.8	
17:30	15:00	52.7	51.8	36.8	71.5	
17:45	15:00	56.7	55.3	39.0	76.1	
18:00	15:00	53.9	50.5	37.1	74.3	
18:15	15:00	52.9	49.9	36.3	73.9	
18:30	15:00	61.6	54.4	38.3	91.8	
18:45	15:00	52.6	49.6	37.9	73.3	
19:00	15:00	48.8	45.6	37.5	74.2	
19:15	15:00	51.5	47.0	36.0	76.0	
19:30	15:00	54.2	50.8	36.4	76.1	
19:45	15:00	55.5	49.8	35.1	82.1	
20:00	15:00	54.2	49.0	36.2	74.2	
20:15	15:00	50.9	48.4	36.0	74.1	
20:30	15:00	54.9	54.1	35.9	79.0	
20:45	15:00	49.7	48.2	33.0	71.9	
21:00	15:00	52.9	47.7	34.7	77.9	
21:15	15:00	52.2	47.0	32.8	77.3	
21:30	15:00	46.9	42.5	32.6	70.1	
21:45	15:00	48.0	40.0	33.0	74.1	
22:00	15:00	38.6	41.2	31.6	53.4	
22:15	15:00	38.0	41.2	31.9	51.4	
22:30	15:00	46.3	43.0	32.6	71.4	
22:45	15:00	48.7	42.2	32.2	75.4	
Average 1500-2300		53.7	50.6	36.0	51-92	

Noise Survey Results

Date: Saturday 18th - Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 86

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**

Instrumentation: Cirrus 171A Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	46.9	40.7	31.8	71.8	
23:15	15:00	50.7	44.3	31.5	74.8	
23:30	15:00	34.9	37.0	31.2	49.0	
23:45	15:00	44.1	42.6	30.7	69.9	
00:00	15:00	48.8	44.7	29.5	74.3	
00:15	15:00	39.3	42.5	29.4	59.9	
00:30	15:00	44.4	43.3	29.3	69.4	
00:45	15:00	47.1	45.0	31.0	70.7	
01:00	15:00	49.7	45.1	32.7	72.3	
01:15	15:00	50.9	43.9	29.8	74.1	
01:30	15:00	43.0	32.2	28.9	70.9	
01:45	15:00	42.3	33.7	29.3	69.0	
02:00	15:00	30.9	31.8	29.5	42.0	
02:15	15:00	30.8	31.5	29.6	41.1	
02:30	15:00	46.0	33.1	30.2	73.2	
02:45	15:00	48.4	34.4	31.2	73.7	
03:00	15:00	32.3	33.3	30.9	41.6	
03:15	15:00	31.4	31.9	30.8	35.4	
03:30	15:00	32.4	33.3	31.2	38.8	
03:45	15:00	33.6	35.7	31.2	46.3	
04:00	15:00	35.3	36.9	33.0	47.7	
04:15	15:00	47.9	51.1	36.7	65.4	
04:30	15:00	50.1	52.4	39.0	71.4	
04:45	15:00	45.1	49.1	37.0	57.2	
05:00	15:00	44.7	48.9	36.7	60.7	
05:15	15:00	45.8	44.2	35.8	69.7	
05:30	15:00	40.5	41.6	34.7	61.6	
05:45	15:00	53.1	51.9	34.8	78.4	
06:00	15:00	46.9	40.1	33.9	73.3	
06:15	15:00	51.1	45.5	34.7	78.4	
06:30	15:00	47.4	43.8	34.9	72.8	
06:45	15:00	47.9	45.5	35.5	70.3	
Average 2300-0700		46.7	44.9	33.3	35-78	
Average 0700-2300		54.8	53.3	36.5	51-92	

Noise Survey Results

Date: Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 87

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**

Instrumentation: Cirrus 171A Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	47.0	42.8	36.0	72.3	
07:15	15:00	46.3	45.8	37.8	71.1	
07:30	15:00	49.5	47.8	38.1	74.2	
07:45	15:00	51.5	46.5	37.0	75.3	
08:00	15:00	49.1	49.7	36.2	72.6	
08:15	15:00	47.8	45.7	38.6	71.7	
08:30	15:00	49.7	49.3	37.5	71.8	
08:45	15:00	54.4	51.2	38.9	76.3	
09:00	15:00	53.7	50.7	39.2	74.0	
09:15	15:00	58.2	52.3	41.8	84.7	
09:30	15:00	55.5	50.6	40.9	86.7	
09:45	15:00	52.9	51.4	39.2	75.1	
10:00	15:00	55.7	54.8	41.1	75.9	
10:15	15:00	55.4	52.2	39.2	76.3	
10:30	15:00	51.7	48.9	40.8	75.3	
10:45	15:00	53.6	51.4	39.9	76.9	
11:00	15:00	55.5	52.8	39.5	77.5	
11:15	15:00	53.4	50.6	41.2	77.3	
11:30	15:00	51.8	49.9	41.1	75.7	
11:45	15:00	53.4	54.4	41.6	72.8	
12:00	15:00	56.1	52.5	40.6	81.0	
12:15	15:00	54.7	54.6	42.9	73.7	
12:30	15:00	54.1	52.5	42.2	75.5	
12:45	15:00	53.2	53.2	42.0	74.0	
13:00	15:00	60.5	57.5	40.8	88.2	
13:15	15:00	57.9	53.1	41.0	83.6	
13:30	15:00	56.9	53.3	42.6	79.6	
13:45	15:00	54.7	53.5	42.3	76.5	
14:00	15:00	55.7	53.8	43.2	76.0	
14:15	15:00	54.9	53.9	43.0	76.4	
14:30	15:00	54.9	54.5	44.2	74.2	
14:45	15:00	56.0	54.2	44.2	75.3	
Average 0700-1500		54.6	52.3	40.9	71-88	

Noise Survey Results

Date: Sunday 19th May 2024

TABLE 88

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**

Instrumentation: Cirrus 171A Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	54.7	53.7	44.8	74.4	
15:15	15:00	51.4	51.0	42.5	73.6	
15:30	15:00	51.9	51.4	41.6	72.8	
15:45	15:00	55.0	53.3	42.4	76.0	
16:00	15:00	55.5	53.6	41.8	79.6	
16:15	15:00	55.2	52.4	42.1	77.5	
16:30	15:00	54.5	53.9	41.0	72.5	
16:45	15:00	50.7	49.8	41.8	73.6	
17:00	15:00	52.2	51.6	41.0	71.9	
17:15	15:00	53.2	50.8	40.5	75.7	
17:30	15:00	56.6	51.9	42.0	85.7	
17:45	15:00	52.1	49.7	38.5	73.2	
18:00	15:00	53.3	50.3	40.5	74.3	
18:15	15:00	51.2	49.1	38.6	77.0	
18:30	15:00	53.5	50.3	40.1	79.1	
18:45	15:00	52.0	49.1	37.7	72.2	
19:00	15:00	51.2	48.7	38.0	73.5	
19:15	15:00	56.4	50.8	38.8	85.7	
19:30	15:00	51.4	45.3	36.5	74.9	
19:45	15:00	51.0	44.4	34.4	74.7	
20:00	15:00	49.1	46.4	34.2	73.2	
20:15	15:00	51.0	49.5	35.8	71.4	
20:30	15:00	51.5	45.3	34.5	74.4	
20:45	15:00	46.3	41.0	33.1	71.5	
21:00	15:00	48.3	40.2	32.2	71.9	
21:15	15:00	49.2	41.6	31.6	74.0	
21:30	15:00	43.0	37.9	31.2	70.1	
21:45	15:00	45.8	37.7	30.7	70.1	
22:00	15:00	42.9	34.8	29.8	70.5	
22:15	15:00	52.2	40.8	29.5	76.7	
22:30	15:00	46.3	34.8	30.2	71.2	
22:45	15:00	32.9	34.7	30.9	43.9	
Average 1500-2300		52.2	49.4	39.1	44-86	

Noise Survey Results

Date: Sunday 19th - Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 89

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**

Instrumentation: Cirrus 171A Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	36.2	38.7	32.0	47.1	
23:15	15:00	43.5	38.4	33.2	70.8	
23:30	15:00	33.4	35.3	30.9	44.7	
23:45	15:00	33.2	34.6	30.8	47.2	
00:00	15:00	45.4	35.1	30.9	70.9	
00:15	15:00	36.1	38.8	32.0	47.3	
00:30	15:00	39.6	43.1	34.4	50.8	
00:45	15:00	40.3	43.6	34.9	51.5	
01:00	15:00	38.8	41.6	33.9	53.7	
01:15	15:00	38.6	41.9	32.8	52.4	
01:30	15:00	35.5	37.5	32.0	47.4	
01:45	15:00	36.4	39.7	31.4	50.5	
02:00	15:00	42.5	37.0	31.3	67.9	
02:15	15:00	35.1	37.7	31.5	45.2	
02:30	15:00	33.4	35.1	31.4	42.8	
02:45	15:00	35.4	38.1	31.6	47.2	
03:00	15:00	35.2	37.2	32.2	46.0	
03:15	15:00	43.7	39.3	32.7	71.3	
03:30	15:00	46.6	41.4	33.1	72.5	
03:45	15:00	43.1	42.9	35.3	67.7	
04:00	15:00	53.0	56.4	36.1	71.6	
04:15	15:00	52.6	52.8	37.2	77.9	
04:30	15:00	47.9	47.6	36.2	75.0	
04:45	15:00	54.1	49.1	35.8	79.8	
05:00	15:00	51.7	44.2	35.6	78.7	
05:15	15:00	48.7	48.7	36.2	71.4	
05:30	15:00	50.2	50.7	36.1	74.7	
05:45	15:00	51.7	49.9	39.1	74.0	
06:00	15:00	49.7	46.2	37.5	73.8	
06:15	15:00	53.5	49.9	36.1	78.4	
06:30	15:00	51.7	45.3	36.7	74.3	
06:45	15:00	55.3	53.7	38.7	74.6	
Average 2300-0700		48.3	47.1	34.7	43-80	
Average 0700-2300		53.6	51.1	40.1	44-88	

Noise Survey Results

Date: Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 90

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP13 - Little Staughton Road**

Instrumentation: Cirrus 171A Real Time Analyser (G304789)

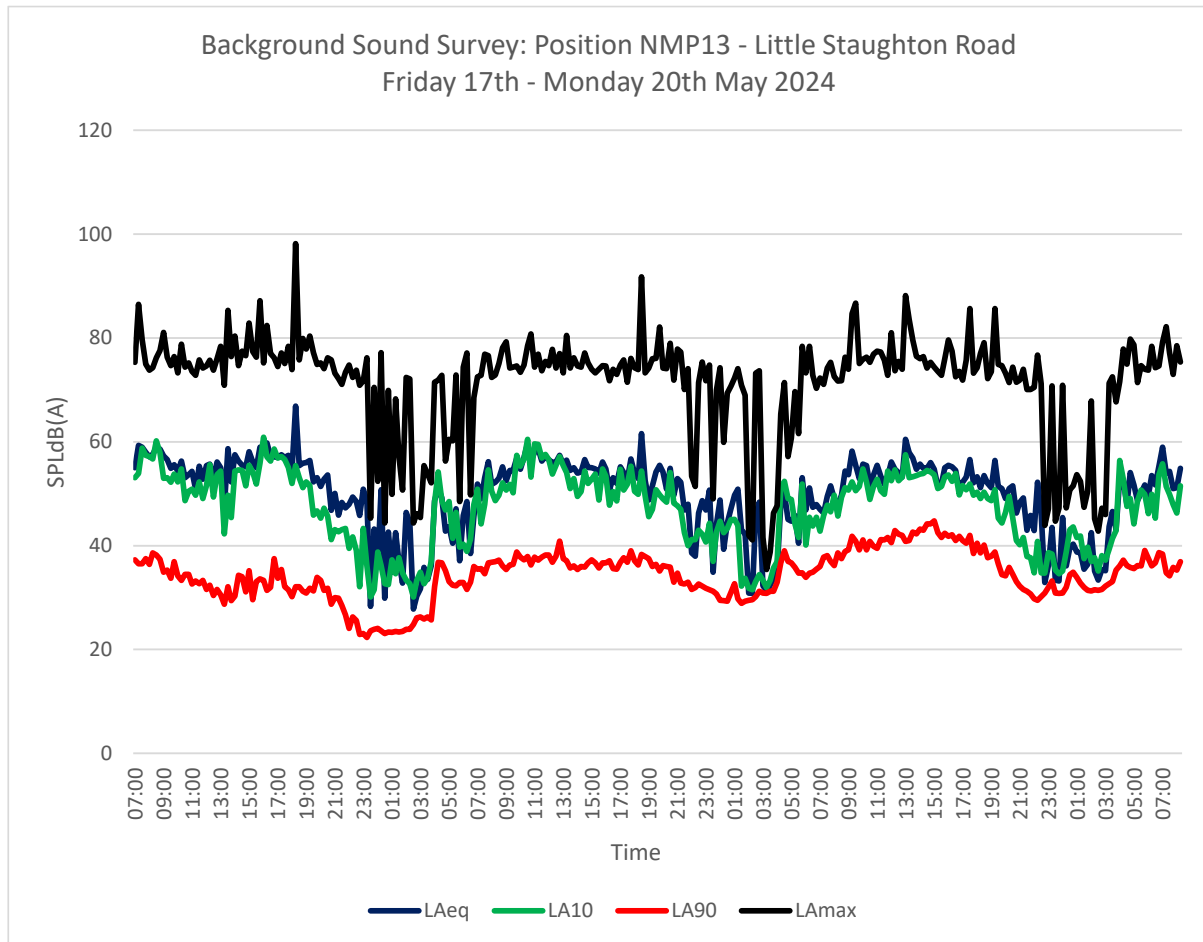
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	59.0	55.8	38.4	79.2	
07:15	15:00	54.0	51.4	34.8	82.2	
07:30	15:00	54.3	49.9	34.2	77.2	
07:45	15:00	51.0	47.9	35.8	73.0	
08:00	15:00	51.2	46.3	35.3	78.5	
08:15	15:00	54.9	51.5	36.9	75.4	
Average 0700-0830		54.9	51.5	36.1	73-82	

Overall Average	46.9	45.5	33.2	35-80	
Overall Average	55.1	52.9	37.5	44-98	

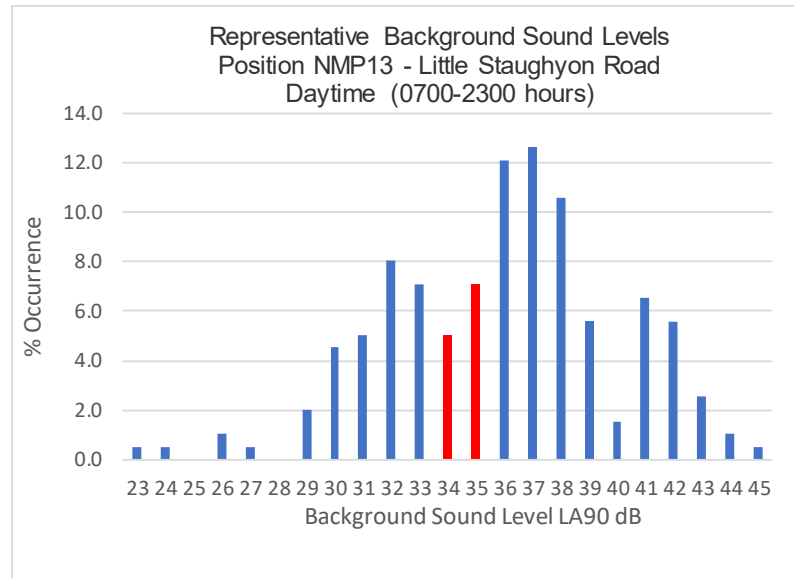
Average 0500-0700	49.4	47.4	35.4	49-79
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	45.6	44.6	32	35-80
--------------------------	-------------	-------------	-----------	--------------

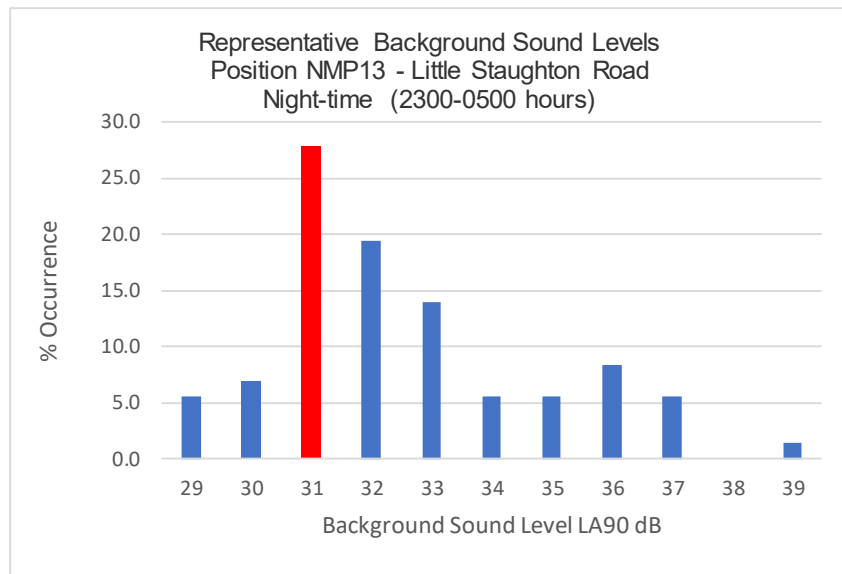


LA90 % Occurrence

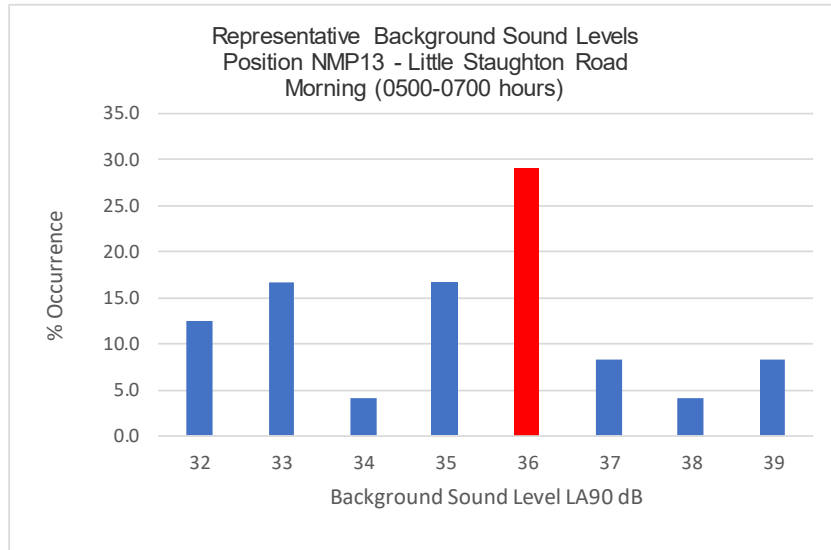
23	0.5
24	0.5
25	0.0
26	1.0
27	0.5
28	0.0
29	2.0
30	4.5
31	5.1
32	8.1
33	7.1
34	5.1
35	7.1
36	12.1
37	12.6
38	10.6
39	5.6
40	1.5
41	6.6
42	5.6
43	2.5
44	1.0
45	0.5


LA90 % Occurrence

29	5.6
30	6.9
31	27.8
32	19.4
33	13.9
34	5.6
35	5.6
36	8.3
37	5.6
38	0.0
39	1.4



LA90	% Occurrence
32	12.5
33	16.7
34	4.2
35	16.7
36	29.2
37	8.3
38	4.2
39	8.3



2.15 NMP 14: Great Staughton Road

Noise Survey Results

Date: Friday 17th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)

Calibration: 94dB

TABLE 91

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	51.0	51.9	31.7	70.2	Noise climate formed by intermittent road traffic noise, birdsong & distant dog barking
07:15	15:00	50.1	50.8	32.1	68.7	
07:30	15:00	51.6	53.6	32.9	69.0	
07:45	15:00	50.9	53.3	31.9	68.9	
08:00	15:00	50.0	51.3	33.5	69.4	
08:15	15:00	51.2	54.4	33.8	66.9	
08:30	15:00	50.9	52.6	30.7	68.1	
08:45	15:00	51.7	54.3	31.7	68.2	
09:00	15:00	52.1	51.5	28.2	72.2	
09:15	15:00	51.0	52.2	29.8	70.1	
09:30	15:00	49.6	51.4	28.3	69.4	
09:45	15:00	49.6	51.7	30.3	69.1	
10:00	15:00	48.5	48.8	27.3	70.5	
10:15	15:00	49.0	49.2	28.0	72.3	
10:30	15:00	48.5	47.8	28.7	68.6	
10:45	15:00	52.4	52.8	30.1	71.8	
11:00	15:00	48.9	49.6	28.2	68.5	
11:15	15:00	52.6	49.9	28.8	75.5	
11:30	15:00	53.5	52.9	28.6	72.7	
11:45	15:00	48.7	48.7	26.8	68.5	
12:00	15:00	52.0	50.9	27.7	77.5	
12:15	15:00	49.0	47.8	27.0	74.2	
12:30	15:00	49.6	51.6	26.6	65.5	
12:45	15:00	49.0	49.9	25.6	66.7	
13:00	15:00	50.1	50.9	25.7	70.7	
13:15	15:00	49.8	46.0	26.0	72.4	
13:30	15:00	50.2	51.0	26.2	68.6	
13:45	15:00	49.3	49.5	25.2	67.1	
14:00	15:00	49.7	49.6	25.0	69.1	
14:15	15:00	49.8	51.2	29.2	67.5	
14:30	15:00	49.3	48.4	25.6	69.6	
14:45	15:00	47.5	48.8	25.7	66.3	
Average 0700-1500		50.4	51.1	29.4	66-78	

Noise Survey Results

Date: Friday 17th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**
 Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)
 Calibration: 94dB

TABLE 92

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	50.0	50.1	29.5	69.3	
15:15	15:00	48.8	50.2	25.6	65.9	
15:30	15:00	49.6	51.2	27.3	66.5	
15:45	15:00	47.1	44.3	25.3	66.8	
16:00	15:00	51.1	54.0	27.8	67.3	
16:15	15:00	49.9	51.7	28.7	66.9	
16:30	15:00	51.3	52.5	27.0	71.6	
16:45	15:00	52.8	57.2	33.9	70.1	
17:00	15:00	49.2	51.1	27.4	65.4	
17:15	15:00	52.3	55.8	29.7	68.6	
17:30	15:00	51.1	52.2	28.1	71.8	
17:45	15:00	55.2	53.4	25.7	77.7	
18:00	15:00	48.3	48.9	25.3	65.6	
18:15	15:00	52.9	54.9	28.4	76.3	
18:30	15:00	50.3	49.7	26.3	70.1	
18:45	15:00	50.4	52.5	27.4	66.4	
19:00	15:00	48.9	49.0	26.2	69.3	
19:15	15:00	51.2	53.1	27.8	70.5	
19:30	15:00	47.3	46.8	25.9	69.9	
19:45	15:00	52.6	53.1	28.9	76.4	
20:00	15:00	51.3	51.4	27.6	78.1	
20:15	15:00	48.0	48.1	26.9	68.4	
20:30	15:00	49.9	49.8	25.7	69.3	
20:45	15:00	47.1	44.7	24.8	67.3	
21:00	15:00	48.6	48.9	25.6	66.0	
21:15	15:00	48.9	48.0	24.7	70.4	
21:30	15:00	46.7	46.8	26.3	66.6	
21:45	15:00	49.5	46.4	20.5	73.3	
22:00	15:00	42.9	38.6	20.6	66.5	
22:15	15:00	44.9	40.8	21.5	68.9	
22:30	15:00	44.8	39.9	22.9	66.2	
22:45	15:00	45.3	40.2	23.8	56.7	
Average 1500-2300		50.0	51.1	27.1	57-78	

Noise Survey Results

Date: Friday 17th - Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 93

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
23:00	15:00	45.6	41.5	24.0	67.3	
23:15	15:00	40.4	35.8	22.1	62.1	
23:30	15:00	42.0	35.2	22.4	67.7	
23:45	15:00	36.1	28.0	23.9	60.3	
00:00	15:00	34.4	34.0	24.1	51.0	
00:15	15:00	39.3	34.3	23.2	65.2	
00:30	15:00	34.2	34.6	22.2	58.1	
00:45	15:00	24.3	25.5	22.2	39.0	
01:00	15:00	33.1	36.0	22.0	47.5	
01:15	15:00	28.6	32.7	22.2	44.9	
01:30	15:00	31.1	31.7	21.6	50.2	
01:45	15:00	23.7	27.5	22.0	38.6	
02:00	15:00	26.0	24.0	22.7	32.2	
02:15	15:00	26.0	23.9	22.2	32.6	
02:30	15:00	29.6	27.9	22.4	39.2	
02:45	15:00	26.6	24.9	21.2	32.8	
03:00	15:00	31.7	31.8	22.3	38.8	
03:15	15:00	25.6	23.4	21.3	33.3	
03:30	15:00	35.6	38.8	20.9	53.2	
03:45	15:00	31.9	31.3	21.2	49.4	
04:00	15:00	27.3	30.9	21.8	42.7	
04:15	15:00	34.0	36.7	24.5	55.6	
04:30	15:00	40.0	41.5	26.6	68.4	
04:45	15:00	44.5	42.8	26.7	65.7	
05:00	15:00	39.7	38.1	26.0	65.4	
05:15	15:00	44.7	37.1	26.4	67.3	
05:30	15:00	34.3	35.6	27.8	54.3	
05:45	15:00	30.8	33.1	28.5	47.3	
06:00	15:00	47.7	46.7	29.6	66.5	
06:15	15:00	46.2	42.2	29.4	66.4	
06:30	15:00	50.3	47.1	29.5	71.2	
06:45	15:00	48.7	46.3	30.0	69.5	
Average 2300-0700		41.5	39.1	25.2	32-71	
Average 0700-2300		50.2	51.1	28.4	57-78	

Noise Survey Results

Date: Saturday 18th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 94

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	51.1	52.4	30.1	69.2	
07:15	15:00	52.6	55.1	31.4	73.2	
07:30	15:00	61.3	58.3	29.2	87.4	
07:45	15:00	53.9	59.9	29.1	69.8	
08:00	15:00	54.7	56.0	30.8	77.2	
08:15	15:00	53.8	58.1	30.4	71.9	
08:30	15:00	54.0	57.6	30.4	69.2	
08:45	15:00	53.1	56.6	29.1	69.6	
09:00	15:00	53.8	56.7	30.5	69.4	
09:15	15:00	54.3	58.3	27.7	70.5	
09:30	15:00	61.7	63.6	29.8	81.0	
09:45	15:00	55.9	58.0	31.8	79.1	
10:00	15:00	54.0	59.2	31.4	68.5	
10:15	15:00	58.2	61.5	32.3	77.8	
10:30	15:00	55.1	60.8	35.1	70.0	
10:45	15:00	53.0	56.6	30.7	68.3	
11:00	15:00	54.6	59.7	31.9	72.8	
11:15	15:00	54.6	60.2	32.9	68.6	
11:30	15:00	58.9	61.9	31.4	79.1	
11:45	15:00	55.8	61.3	34.5	69.4	
12:00	15:00	53.9	59.2	30.7	67.9	
12:15	15:00	52.6	57.2	31.2	67.1	
12:30	15:00	54.8	59.9	32.7	72.4	
12:45	15:00	53.3	57.7	29.6	68.0	
13:00	15:00	56.1	60.6	31.8	83.3	
13:15	15:00	53.8	58.2	30.0	69.6	
13:30	15:00	53.1	57.2	30.5	68.7	
13:45	15:00	53.6	58.3	31.3	82.4	
14:00	15:00	52.1	55.6	28.4	73.0	
14:15	15:00	51.3	55.7	27.6	68.2	
14:30	15:00	53.5	58.9	29.9	67.7	
14:45	15:00	52.7	57.7	30.8	67.6	
Average 0700-1500		55.4	58.9	31.1	67-87	

Noise Survey Results

Date: Saturday 18th May 2024

TABLE 95

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	52.9	57.1	29.7	66.9	
15:15	15:00	51.0	54.6	29.5	67.2	
15:30	15:00	50.6	53.5	27.8	67.4	
15:45	15:00	57.1	60.4	31.2	77.4	
16:00	15:00	52.6	57.8	30.3	66.7	
16:15	15:00	51.4	56.2	27.6	66.0	
16:30	15:00	53.0	57.9	30.1	69.0	
16:45	15:00	52.8	57.3	27.5	68.0	
17:00	15:00	52.1	57.2	29.2	68.4	
17:15	15:00	52.6	57.8	32.0	68.1	
17:30	15:00	54.3	59.6	33.2	72.0	
17:45	15:00	56.7	61.3	36.4	75.0	
18:00	15:00	56.3	60.9	35.8	72.7	
18:15	15:00	53.7	59.5	31.5	68.3	
18:30	15:00	54.9	56.2	31.5	76.0	
18:45	15:00	52.3	53.6	30.6	73.7	
19:00	15:00	55.1	52.9	29.5	76.8	
19:15	15:00	47.9	49.0	29.4	67.4	
19:30	15:00	53.0	53.1	30.0	74.2	
19:45	15:00	50.9	52.0	28.4	68.9	
20:00	15:00	52.7	52.0	29.7	76.7	
20:15	15:00	50.6	52.8	29.8	71.8	
20:30	15:00	50.6	52.9	30.3	68.2	
20:45	15:00	52.1	55.1	26.5	72.8	
21:00	15:00	50.1	51.7	29.4	71.0	
21:15	15:00	49.1	49.4	26.1	72.0	
21:30	15:00	47.1	45.6	25.3	69.8	
21:45	15:00	38.2	31.8	23.6	62.6	
22:00	15:00	47.6	43.1	26.2	67.3	
22:15	15:00	47.4	44.7	25.6	68.2	
22:30	15:00	45.1	44.2	25.5	64.5	
22:45	15:00	49.0	50.1	25.2	70.1	
Average 1500-2300		52.4	55.8	30.2	63-77	

Noise Survey Results

Date: Saturday 18th - Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 96

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	43.8	42.3	25.2	62.8	
23:15	15:00	44.9	37.1	24.9	66.1	
23:30	15:00	42.5	33.9	24.0	64.6	
23:45	15:00	44.9	39.8	24.3	64.3	
00:00	15:00	45.7	42.3	22.9	68.0	
00:15	15:00	49.2	48.8	21.1	69.7	
00:30	15:00	46.7	43.7	21.2	67.3	
00:45	15:00	47.3	48.9	24.4	66.9	
01:00	15:00	50.0	53.2	27.1	66.2	
01:15	15:00	49.3	52.5	22.8	68.7	
01:30	15:00	41.9	32.8	23.4	64.4	
01:45	15:00	27.7	30.8	22.9	34.3	
02:00	15:00	43.7	37.8	23.1	64.4	
02:15	15:00	47.6	45.9	22.7	66.0	
02:30	15:00	25.7	28.0	22.6	36.5	
02:45	15:00	26.7	29.0	23.8	33.3	
03:00	15:00	44.4	28.3	23.9	66.1	
03:15	15:00	24.6	26.0	23.1	34.8	
03:30	15:00	24.6	25.6	23.5	35.1	
03:45	15:00	29.6	32.8	23.1	45.0	
04:00	15:00	30.6	33.1	26.6	39.8	
04:15	15:00	29.6	32.3	22.9	52.2	
04:30	15:00	41.6	43.6	28.0	65.0	
04:45	15:00	38.0	42.6	28.2	52.8	
05:00	15:00	39.2	37.1	27.6	71.3	
05:15	15:00	43.6	34.7	27.0	75.1	
05:30	15:00	56.7	37.1	27.1	79.3	
05:45	15:00	41.1	35.5	28.8	65.9	
06:00	15:00	40.7	35.4	29.0	66.6	
06:15	15:00	47.3	42.5	29.2	69.6	
06:30	15:00	44.6	40.0	29.1	66.0	
06:45	15:00	33.6	34.9	29.8	52.0	
Average 2300-0700		45.9	43.7	25.8	33-79	
Average 0700-2300		54.1	57.6	30.6	63-87	

Noise Survey Results

Date: Sunday 19th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 97

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	42.3	36.0	29.1	67.2	
07:15	15:00	51.7	46.7	29.6	78.6	
07:30	15:00	43.1	41.6	30.1	64.7	
07:45	15:00	45.4	45.0	29.7	65.5	
08:00	15:00	41.0	36.7	27.7	62.2	
08:15	15:00	50.0	45.4	29.7	76.7	
08:30	15:00	47.6	47.8	29.7	68.5	
08:45	15:00	51.2	53.1	30.7	69.3	
09:00	15:00	49.5	50.2	31.6	68.3	
09:15	15:00	51.0	50.3	32.1	73.5	
09:30	15:00	41.9	39.8	31.1	66.4	
09:45	15:00	50.0	50.5	31.5	71.5	
10:00	15:00	49.5	49.0	30.9	71.0	
10:15	15:00	49.9	47.8	30.8	73.4	
10:30	15:00	49.9	50.7	32.5	66.3	
10:45	15:00	50.5	49.9	31.3	70.7	
11:00	15:00	51.4	51.1	31.5	75.1	
11:15	15:00	47.2	45.6	31.2	65.1	
11:30	15:00	48.2	45.6	31.5	69.5	
11:45	15:00	51.3	50.4	33.8	77.3	
12:00	15:00	53.2	53.9	33.5	74.7	
12:15	15:00	52.2	52.8	34.1	72.9	
12:30	15:00	49.7	50.3	32.5	67.4	
12:45	15:00	48.0	47.8	33.1	67.5	
13:00	15:00	50.0	50.4	31.8	68.3	
13:15	15:00	49.0	50.3	31.4	65.9	
13:30	15:00	52.3	52.8	32.7	76.2	
13:45	15:00	48.9	49.8	31.7	65.9	
14:00	15:00	51.2	52.8	33.6	70.6	
14:15	15:00	49.7	50.8	30.8	68.2	
14:30	15:00	48.6	50.0	33.5	65.6	
14:45	15:00	48.0	48.2	32.9	68.7	
Average 0700-1500		49.6	49.6	31.7	62-78	

Noise Survey Results

Date: Sunday 19th May 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**
 Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)
 Calibration: 94dB

TABLE 98

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	50.5	52.5	33.7	66.9	
15:15	15:00	45.1	44.0	33.1	67.5	
15:30	15:00	42.3	39.9	31.8	63.1	
15:45	15:00	48.6	49.3	29.6	66.3	
16:00	15:00	50.5	51.5	32.3	70.0	
16:15	15:00	45.2	42.9	30.4	65.4	
16:30	15:00	48.7	49.7	33.0	66.2	
16:45	15:00	47.3	45.8	31.2	69.2	
17:00	15:00	43.9	41.3	31.3	64.4	
17:15	15:00	49.6	47.9	32.1	72.2	
17:30	15:00	47.3	46.9	31.6	65.4	
17:45	15:00	46.3	46.1	30.9	64.8	
18:00	15:00	45.2	43.6	29.7	65.7	
18:15	15:00	46.8	43.6	29.6	67.4	
18:30	15:00	47.8	43.9	29.0	71.1	
18:45	15:00	48.8	48.0	30.2	70.2	
19:00	15:00	48.9	47.4	28.8	71.0	
19:15	15:00	49.0	50.8	30.7	67.6	
19:30	15:00	46.1	43.2	26.8	68.1	
19:45	15:00	43.1	39.4	26.7	66.7	
20:00	15:00	42.8	40.9	27.5	65.5	
20:15	15:00	47.9	46.4	28.3	68.2	
20:30	15:00	45.3	42.9	27.0	66.5	
20:45	15:00	44.8	38.5	27.2	69.5	
21:00	15:00	42.8	41.3	27.0	64.1	
21:15	15:00	42.2	37.6	25.0	64.3	
21:30	15:00	43.7	37.2	24.4	69.1	
21:45	15:00	43.7	36.1	24.0	70.3	
22:00	15:00	40.1	32.3	22.4	65.8	
22:15	15:00	26.9	27.7	21.8	42.1	
22:30	15:00	33.7	28.7	23.6	54.8	
22:45	15:00	39.3	31.8	22.7	62.3	
Average 1500-2300		46.4	45.7	29.6	42-72	

Noise Survey Results

Date: Sunday 19th - Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 99

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	31.7	27.5	22.5	56.3	
23:15	15:00	35.9	29.7	23.4	61.4	
23:30	15:00	39.1	28.7	22.8	65.4	
23:45	15:00	39.7	28.9	20.8	65.6	
00:00	15:00	24.2	27.0	19.7	36.9	
00:15	15:00	23.1	25.4	20.0	36.0	
00:30	15:00	28.4	31.3	22.9	42.6	
00:45	15:00	29.5	32.2	24.6	43.5	
01:00	15:00	29.4	32.2	24.4	42.9	
01:15	15:00	31.5	34.3	25.9	40.2	
01:30	15:00	30.9	34.7	23.7	45.7	
01:45	15:00	30.8	34.9	23.7	39.3	
02:00	15:00	29.3	32.5	24.2	39.1	
02:15	15:00	30.1	32.8	22.2	41.0	
02:30	15:00	31.0	34.1	24.7	38.5	
02:45	15:00	31.5	34.9	25.4	38.7	
03:00	15:00	27.2	29.9	23.3	33.5	
03:15	15:00	28.0	30.8	23.3	34.0	
03:30	15:00	31.2	34.1	26.7	36.9	
03:45	15:00	30.4	32.7	24.9	47.2	
04:00	15:00	36.0	29.7	22.8	60.1	
04:15	15:00	45.5	38.7	26.4	68.3	
04:30	15:00	44.1	45.4	28.2	67.5	
04:45	15:00	47.5	41.9	28.4	68.7	
05:00	15:00	46.1	40.4	28.2	69.6	
05:15	15:00	41.8	36.4	29.1	65.9	
05:30	15:00	42.6	37.3	29.2	66.3	
05:45	15:00	48.1	46.4	29.6	68.5	
06:00	15:00	43.7	39.4	29.3	65.9	
06:15	15:00	50.2	43.1	29.0	76.5	
06:30	15:00	50.3	50.2	30.9	70.8	
06:45	15:00	48.2	47.8	30.9	67.9	
Average 2300-0700		42.7	40.3	26.4	34-77	
Average 0700-2300		48.3	48.1	30.8	42-78	

Noise Survey Results

Date: Monday 20th May 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 100

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP14 - Great Staughton Road**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17012)

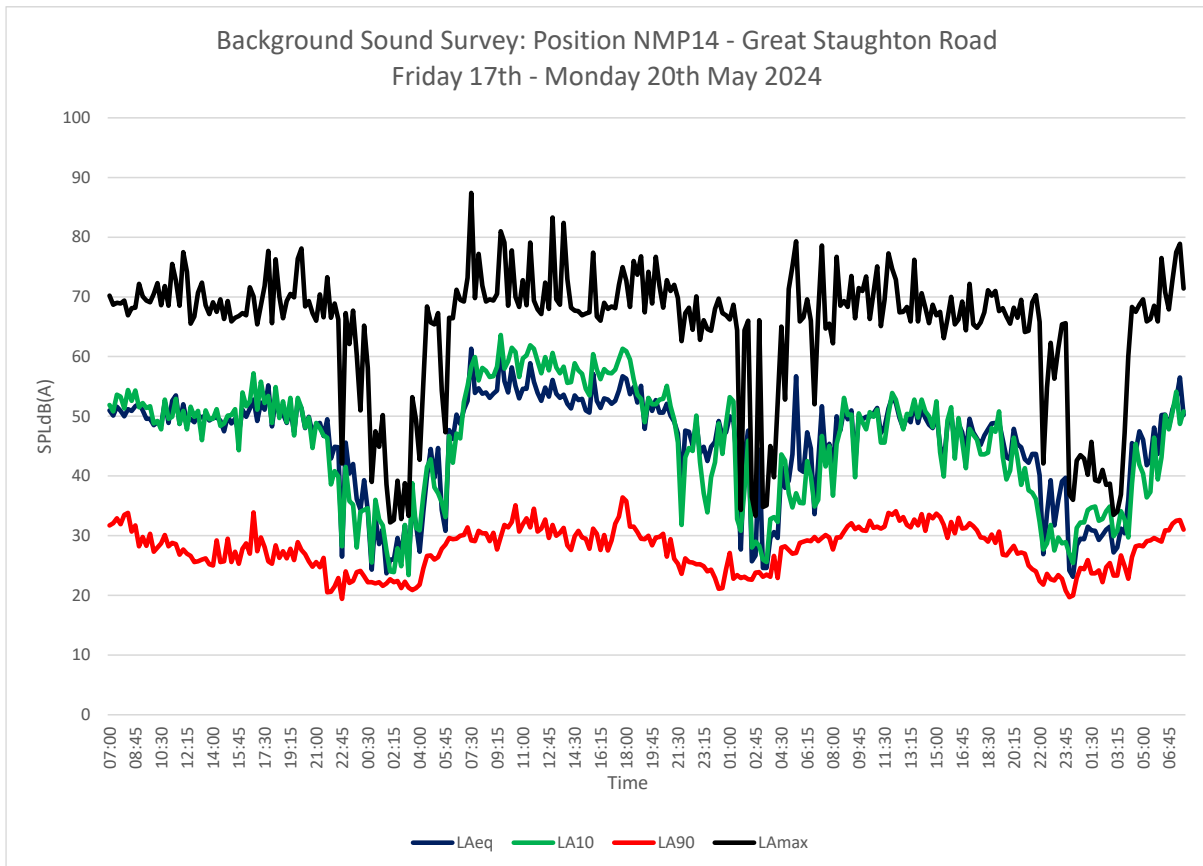
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	51.2	50.7	32.0	72.9	
07:15	15:00	52.8	54.1	32.5	77.5	
07:30	15:00	56.5	48.7	32.6	78.9	
07:45	15:00	50.2	50.8	31.0	71.4	
Average 0700-0800		53.3	51.5	32.0	71-79	

Overall Average	43.8	41.5	25.8	32-79	
Overall Average	51.6	54.1	30.1	42-87	

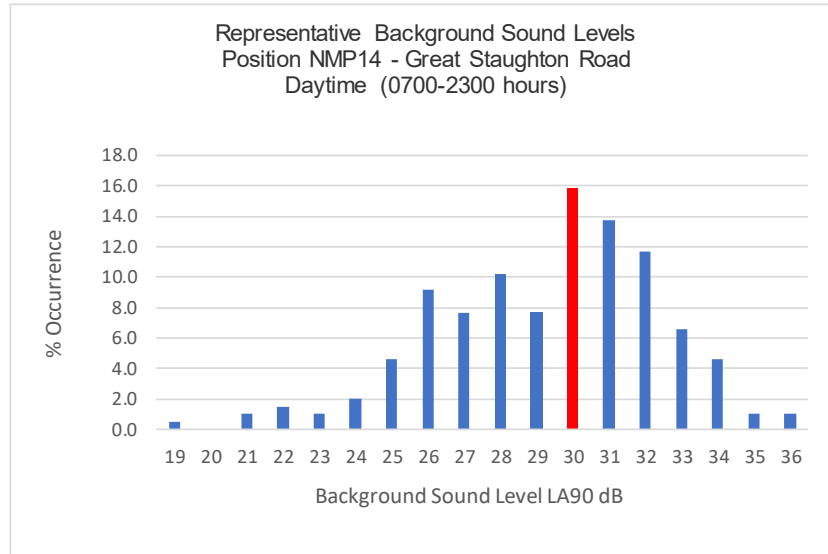
Average 0500-0700	47.5	43	28.9	47-79
--------------------------	-------------	-----------	-------------	--------------

Average 2300-0500	41.2	40.9	24	32-70
--------------------------	-------------	-------------	-----------	--------------

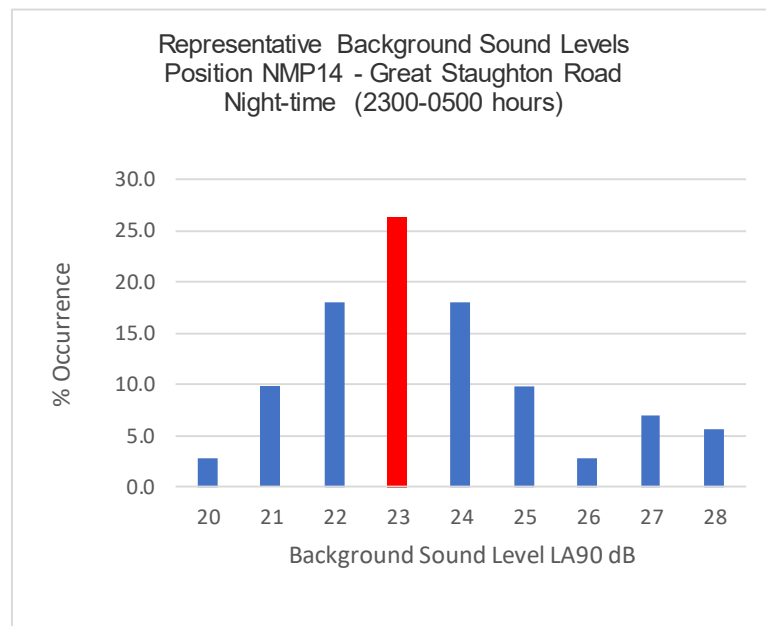


LA90 % Occurrence

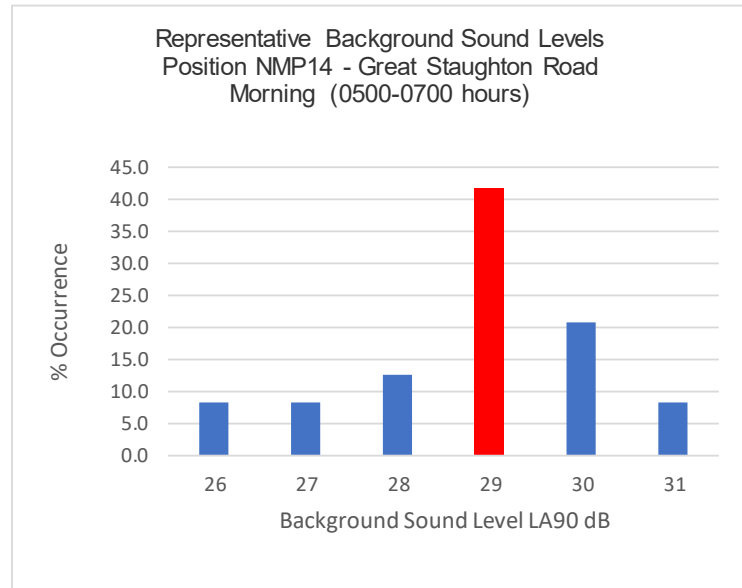
19	0.5
20	0.0
21	1.0
22	1.5
23	1.0
24	2.0
25	4.6
26	9.2
27	7.7
28	10.2
29	7.7
30	15.8
31	13.8
32	11.7
33	6.6
34	4.6
35	1.0
36	1.0


LA90 % Occurrence

20	2.8
21	9.7
22	18.1
23	26.4
24	18.1
25	9.7
26	2.8
27	6.9
28	5.6



LA90	% Occurrence
26	8.3
27	8.3
28	12.5
29	41.7
30	20.8
31	8.3



2.16 NMP 15: Staughton Manor

Noise Survey Results

Date: Friday 22nd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)

Calibration: 94dB

TABLE 1

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
11:30	15:00	43.1	45.9	40.4	46.9	Distant road traffic noise & birdsong
11:45	15:00	51.7	49.6	41.5	79.2	
12:00	15:00	46.4	47.6	41.1	66.9	
12:15	15:00	43.9	46.4	40.1	58.0	
12:30	15:00	45.5	47.4	40.7	69.3	
12:45	15:00	43.3	45.8	38.7	63.4	
13:00	15:00	44.7	47.7	39.7	57.1	
13:15	15:00	44.8	48.1	39.7	56.3	
13:30	15:00	45.7	49.1	39.7	59.9	
13:45	15:00	44.9	47.8	39.9	62.6	
14:00	15:00	44.6	46.9	40.7	63.2	
14:15	15:00	43.2	45.3	39.1	58.2	
14:30	15:00	44.2	46.1	40.0	68.1	
14:45	15:00	45.1	47.4	39.7	67.7	
Average 1130-1500		45.7	47.3	40.1	47-79	

Noise Survey Results

Date: Friday 22nd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**
 Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)
 Calibration: 94dB

TABLE 2

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	44.4	46.9	40.0	62.9	
15:15	15:00	45.6	48.2	41.3	59.7	
15:30	15:00	46.9	49.8	42.5	57.8	
15:45	15:00	47.8	50.7	43.1	65.0	
16:00	15:00	49.2	50.6	41.8	70.1	
16:15	15:00	45.6	48.6	40.5	58.6	
16:30	15:00	45.6	48.2	41.7	57.5	
16:45	15:00	45.6	47.9	41.5	62.6	
17:00	15:00	45.3	47.7	41.3	67.5	
17:15	15:00	45.9	48.6	41.7	63.1	
17:30	15:00	46.0	47.7	41.6	66.5	
17:45	15:00	46.0	47.8	41.7	71.6	
18:00	15:00	46.3	48.0	41.3	71.4	
18:15	15:00	44.8	47.3	40.8	58.0	
18:30	15:00	43.4	46.1	38.6	58.0	
18:45	15:00	43.9	46.2	39.4	58.3	
19:00	15:00	41.1	43.2	36.2	55.6	
19:15	15:00	42.8	46.0	36.2	56.2	
19:30	15:00	40.4	43.6	35.1	50.7	
19:45	15:00	41.4	44.2	37.1	51.2	
20:00	15:00	41.1	44.0	36.0	51.6	
20:15	15:00	38.2	40.8	34.6	47.6	
20:30	15:00	38.8	41.2	34.3	53.1	
20:45	15:00	38.6	41.1	33.3	53.6	
21:00	15:00	38.9	41.5	34.5	51.3	
21:15	15:00	38.3	41.2	34.1	50.0	
21:30	15:00	38.6	41.9	33.3	51.1	
21:45	15:00	37.1	40.0	32.4	49.1	
22:00	15:00	35.5	38.1	31.7	49.2	
22:15	15:00	37.5	40.3	32.6	53.8	
22:30	15:00	35.4	37.5	32.3	47.3	
22:45	15:00	34.7	36.4	30.8	51.5	
Average 1500-2300		43.8	46.2	39.0	47-72	

Noise Survey Results

Date: Friday 22nd - Saturday 23rd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**
 Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)
 Calibration: 94dB

TABLE 3

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	35.0	37.8	31.7	49.2	
23:15	15:00	35.4	37.7	32.1	46.6	
23:30	15:00	36.9	39.7	32.4	51.6	
23:45	15:00	35.7	37.3	32.3	51.6	
00:00	15:00	35.0	37.4	31.7	47.7	
00:15	15:00	34.5	36.6	30.9	50.8	
00:30	15:00	37.3	38.5	30.8	60.5	
00:45	15:00	36.8	38.3	31.8	52.7	
01:00	15:00	34.6	36.6	31.9	43.9	
01:15	15:00	35.0	36.7	31.9	55.7	
01:30	15:00	33.0	34.7	30.6	46.6	
01:45	15:00	35.7	38.1	31.7	52.0	
02:00	15:00	35.1	37.0	32.1	46.5	
02:15	15:00	36.3	38.5	32.3	49.9	
02:30	15:00	36.3	38.2	33.5	50.4	
02:45	15:00	36.1	38.2	32.4	54.4	
03:00	15:00	33.4	35.9	30.5	46.1	
03:15	15:00	33.2	35.0	30.8	47.3	
03:30	15:00	35.9	38.3	32.7	47.3	
03:45	15:00	40.1	42.3	33.5	59.0	
04:00	15:00	34.5	35.6	31.5	52.8	
04:15	15:00	34.6	36.4	31.5	48.4	
04:30	15:00	35.3	36.5	31.4	51.8	
04:45	15:00	37.8	40.7	32.5	53.0	
05:00	15:00	43.0	47.1	33.2	56.8	
05:15	15:00	44.9	48.2	37.3	64.0	
05:30	15:00	65.2	68.8	37.7	83.5	
05:45	15:00	46.5	49.6	36.9	66.6	
06:00	15:00	42.8	45.9	35.6	63.5	
06:15	15:00	43.4	45.7	36.2	66.1	
06:30	15:00	44.4	47.3	37.1	63.0	
06:45	15:00	43.1	46.3	36.9	57.4	
Average 2300-0700		50.4	54.0	33.6	49-84	
Average 1130-2300		44.4	46.5	39.3	47-79	

Noise Survey Results

Date: Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 4

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	43.1	46.0	36.2	64.4	
07:15	15:00	49.2	48.0	38.2	84.1	
07:30	15:00	49.0	50.2	42.0	81.8	
07:45	15:00	51.9	50.7	42.5	81.8	
08:00	15:00	48.8	50.3	42.3	80.7	
08:15	15:00	49.3	52.2	42.7	67.1	
08:30	15:00	49.3	50.5	42.2	81.7	
08:45	15:00	46.7	49.1	42.1	64.4	
09:00	15:00	52.3	52.9	43.5	84.5	
09:15	15:00	51.7	54.6	45.8	66.1	
09:30	15:00	57.6	55.6	44.5	86.9	
09:45	15:00	51.4	54.1	46.6	67.3	
10:00	15:00	51.3	53.3	45.5	80.4	
10:15	15:00	56.6	54.9	45.8	87.0	
10:30	15:00	59.8	58.1	46.9	88.1	
10:45	15:00	54.2	54.6	45.5	86.3	
11:00	15:00	57.9	57.4	47.1	86.5	
11:15	15:00	56.6	57.9	45.4	86.6	
11:30	15:00	53.6	52.8	43.5	85.8	
11:45	15:00	47.9	50.3	42.2	63.3	
12:00	15:00	47.0	49.9	41.1	62.2	
12:15	15:00	53.2	55.1	42.0	84.2	
12:30	15:00	47.9	50.0	41.6	67.8	
12:45	15:00	54.3	53.7	43.5	85.1	
13:00	15:00	45.7	48.3	39.8	69.8	
13:15	15:00	48.5	51.1	42.5	70.5	
13:30	15:00	48.9	52.1	42.0	66.1	
13:45	15:00	50.8	53.5	44.0	68.8	
14:00	15:00	50.9	53.7	44.8	68.4	
14:15	15:00	56.5	60.6	47.5	69.9	Rain
14:30	15:00	56.5	62.9	41.4	67.8	Rain
14:45	15:00	45.0	47.7	39.1	60.9	
Average 0700-1500		52.9	53.3	43.6	61-88	Excluding Rain

Noise Survey Results

Date: Saturday 23rd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**
 Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)
 Calibration: 94dB

TABLE 5

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	48.0	50.5	42.2	64.2	
15:15	15:00	45.7	48.3	40.0	67.3	
15:30	15:00	56.0	46.6	39.0	90.5	
15:45	15:00	50.6	47.1	39.6	71.4	
16:00	15:00	43.8	46.4	40.0	56.5	
16:15	15:00	46.4	48.5	41.8	62.1	
16:30	15:00	48.1	48.5	41.8	77.3	
16:45	15:00	46.1	48.5	40.2	64.9	
17:00	15:00	44.6	45.7	39.5	64.1	
17:15	15:00	51.3	49.9	42.1	85.6	
17:30	15:00	45.9	48.2	42.2	62.5	
17:45	15:00	44.2	46.9	39.5	64.5	
18:00	15:00	42.8	45.8	37.8	56.3	
18:15	15:00	43.4	46.0	38.7	60.9	
18:30	15:00	44.0	45.3	37.6	72.7	
18:45	15:00	41.5	43.9	37.5	55.2	
19:00	15:00	42.1	44.5	37.5	56.4	
19:15	15:00	39.6	41.8	35.8	52.7	
19:30	15:00	39.9	42.8	35.0	53.8	
19:45	15:00	38.8	41.0	34.8	53.9	
20:00	15:00	39.1	41.4	34.7	52.4	
20:15	15:00	42.7	45.7	36.3	59.9	
20:30	15:00	39.8	42.1	35.2	57.2	
20:45	15:00	40.7	43.0	36.5	54.9	
21:00	15:00	41.4	44.2	36.4	54.0	
21:15	15:00	40.2	42.3	36.1	56.3	
21:30	15:00	39.0	41.4	34.4	54.3	
21:45	15:00	39.9	42.7	35.3	52.4	
22:00	15:00	39.2	41.6	35.4	51.4	
22:15	15:00	42.9	45.7	36.9	60.9	
22:30	15:00	46.6	49.5	41.6	60.5	
22:45	15:00	45.0	48.0	39.4	55.6	
Average 1500-2300		46.1	46.2	38.8	51-91	

Noise Survey Results

Date: Saturday 23rd - Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**
 Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)
 Calibration: 94dB

TABLE 6

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	40.2	42.7	36.2	52.4	Rain
23:15	15:00	43.3	46.4	36.2	56.4	
23:30	15:00	49.0	48.4	40.2	83.9	
23:45	15:00	43.0	46.8	35.8	57.1	
00:00	15:00	38.0	40.7	33.8	49.6	
00:15	15:00	38.5	41.5	34.3	49.8	
00:30	15:00	41.2	43.7	35.6	56.5	
00:45	15:00	41.9	44.8	36.1	58.2	
01:00	15:00	44.3	48.3	35.9	56.2	
01:15	15:00	53.0	57.0	37.0	64.7	
01:30	15:00	41.8	43.8	35.3	62.0	
01:45	15:00	43.3	46.3	38.8	56.2	
02:00	15:00	43.8	46.0	39.1	59.7	
02:15	15:00	41.9	45.0	37.2	56.3	
02:30	15:00	38.1	39.6	34.9	53.1	
02:45	15:00	37.0	39.2	34.1	50.3	
03:00	15:00	41.6	44.1	38.1	53.9	
03:15	15:00	41.8	44.2	38.4	54.2	
03:30	15:00	42.4	44.9	38.6	58.4	
03:45	15:00	41.6	43.8	38.8	50.2	
04:00	15:00	42.2	44.5	38.4	55.6	
04:15	15:00	40.1	41.9	37.0	52.8	
04:30	15:00	39.6	42.0	36.1	55.8	
04:45	15:00	41.8	44.4	37.3	58.9	
05:00	15:00	44.5	47.5	39.0	57.1	
05:15	15:00	45.8	48.6	41.3	58.0	
05:30	15:00	45.0	47.9	39.7	61.4	
05:45	15:00	44.7	46.6	38.3	70.5	
06:00	15:00	42.7	45.1	37.9	64.8	
06:15	15:00	42.5	44.9	38.2	61.0	
06:30	15:00	41.7	43.9	36.3	64.7	
06:45	15:00	42.2	45.0	36.9	58.5	
Average 2300-0700		43.9	46.8	37.5	50-84	Excluding Rain
Average 0700-2300		44.9	47.8	39.2	51-91	Excluding Rain

Noise Survey Results

Date: Sunday 24th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 7

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	43.4	46.4	38.2	57.6	
07:15	15:00	46.4	47.1	39.9	72.7	
07:30	15:00	47.5	47.9	40.6	79.0	
07:45	15:00	48.1	49.1	41.1	81.4	
08:00	15:00	48.2	51.1	42.2	73.6	
08:15	15:00	47.9	51.0	41.0	63.7	
08:30	15:00	46.4	49.4	40.9	61.0	
08:45	15:00	47.6	50.4	43.2	59.1	
09:00	15:00	46.6	49.7	41.7	57.8	
09:15	15:00	46.6	46.6	39.1	67.5	
09:30	15:00	45.3	47.5	40.7	65.5	
09:45	15:00	45.6	48.1	40.7	61.8	
10:00	15:00	45.3	47.6	40.7	64.3	
10:15	15:00	46.5	48.6	42.3	67.1	
10:30	15:00	46.0	48.4	41.8	69.6	
10:45	15:00	46.1	48.8	41.6	58.2	
11:00	15:00	47.5	49.6	41.9	68.4	
11:15	15:00	54.7	48.7	41.2	74.9	
11:30	15:00	46.7	48.1	40.6	66.7	
11:45	15:00	45.6	47.9	41.6	63.0	
12:00	15:00	45.7	47.4	40.6	72.1	
12:15	15:00	47.2	48.1	41.7	67.5	
12:30	15:00	48.8	50.9	41.6	69.7	
12:45	15:00	49.6	52.6	39.8	67.9	
13:00	15:00	47.2	49.9	41.6	66.6	
13:15	15:00	44.5	46.8	39.8	66.3	
13:30	15:00	46.4	49.3	41.4	60.5	
13:45	15:00	46.0	49.0	41.5	57.2	
14:00	15:00	47.0	49.3	40.3	67.0	
14:15	15:00	48.8	51.0	42.1	69.2	
14:30	15:00	47.5	50.5	40.8	67.1	
14:45	15:00	48.0	50.8	41.0	67.2	
Average 0700-1500		47.5	49.0	41.0	57-81	

Noise Survey Results

Date: Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**
 Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)
 Calibration: 94dB

TABLE 8

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	44.2	46.6	40.2	56.0	
15:15	15:00	48.1	50.2	41.1	65.0	
15:30	15:00	44.9	47.3	38.6	64.5	
15:45	15:00	52.2	52.8	40.9	72.7	
16:00	15:00	44.2	46.0	39.4	62.8	
16:15	15:00	45.4	47.1	40.0	63.0	
16:30	15:00	44.0	46.8	38.8	62.9	
16:45	15:00	44.8	47.0	38.9	63.7	
17:00	15:00	47.0	49.4	40.5	64.0	
17:15	15:00	46.4	48.1	39.9	66.5	
17:30	15:00	43.8	46.3	38.6	59.5	
17:45	15:00	44.6	47.4	38.2	62.3	
18:00	15:00	45.5	46.0	38.2	69.2	
18:15	15:00	50.4	47.3	40.1	84.0	
18:30	15:00	53.7	47.7	38.7	83.2	
18:45	15:00	41.1	43.7	37.0	52.3	
19:00	15:00	41.7	44.6	36.7	51.1	
19:15	15:00	40.2	43.3	35.4	49.9	
19:30	15:00	38.7	41.5	34.4	60.6	
19:45	15:00	38.8	42.2	31.5	48.6	
20:00	15:00	39.3	42.4	34.4	48.8	
20:15	15:00	38.3	41.1	34.3	46.7	
20:30	15:00	38.3	40.6	34.6	49.9	
20:45	15:00	38.6	41.8	34.1	50.4	
21:00	15:00	40.3	43.5	35.2	54.3	
21:15	15:00	40.5	44.2	34.6	51.5	
21:30	15:00	36.5	39.0	32.7	45.3	
21:45	15:00	39.6	42.2	35.4	53.2	
22:00	15:00	40.8	43.2	37.1	49.5	
22:15	15:00	38.0	40.5	33.5	50.9	
22:30	15:00	38.6	42.0	34.2	52.3	
22:45	15:00	37.8	40.4	32.8	51.7	
Average 1500-2300		45.2	46.0	37.6	45-84	

Noise Survey Results

Date: Sunday 24th - Monday 25th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**
 Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)
 Calibration: 94dB

TABLE 9

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	36.7	39.7	31.2	50.8	
23:15	15:00	33.8	35.9	30.4	41.0	
23:30	15:00	35.2	36.5	32.6	47.5	
23:45	15:00	35.0	36.2	30.8	52.5	
00:00	15:00	34.2	36.0	31.5	43.2	
00:15	15:00	35.8	37.2	33.6	50.8	
00:30	15:00	32.3	34.4	29.6	46.7	
00:45	15:00	36.2	37.5	30.5	52.8	
01:00	15:00	35.3	35.3	32.6	48.7	
01:15	15:00	35.3	33.9	31.1	53.0	
01:30	15:00	33.1	34.2	31.7	45.9	
01:45	15:00	33.4	34.9	31.4	50.6	
02:00	15:00	33.9	34.3	31.1	54.1	
02:15	15:00	31.6	33.6	28.7	44.0	
02:30	15:00	31.2	32.7	29.2	50.9	
02:45	15:00	30.3	30.8	28.1	49.2	
03:00	15:00	32.8	33.8	28.2	49.0	
03:15	15:00	32.0	32.5	28.8	51.6	
03:30	15:00	32.1	33.6	28.5	54.1	
03:45	15:00	34.4	37.1	27.1	52.0	
04:00	15:00	32.3	34.6	26.1	51.8	
04:15	15:00	36.7	40.5	28.2	54.8	
04:30	15:00	37.6	41.9	29.7	54.6	
04:45	15:00	36.2	39.0	27.7	54.3	
05:00	15:00	43.9	47.3	33.4	58.5	
05:15	15:00	45.2	48.3	39.6	55.7	
05:30	15:00	44.1	47.0	38.3	65.4	
05:45	15:00	44.7	47.2	37.9	63.9	
06:00	15:00	46.4	46.8	38.4	70.7	
06:15	15:00	54.7	47.3	39.1	86.1	
06:30	15:00	44.4	47.5	39.2	55.7	
06:45	15:00	46.1	48.7	41.2	58.9	
Average 2300-0700		42.6	42.4	34.3	41-86	
Average 0700-2300		45.3	48.1	38.6	45-84	

Noise Survey Results

Date: Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 10

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP15 - Staughton Manor**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (21589)

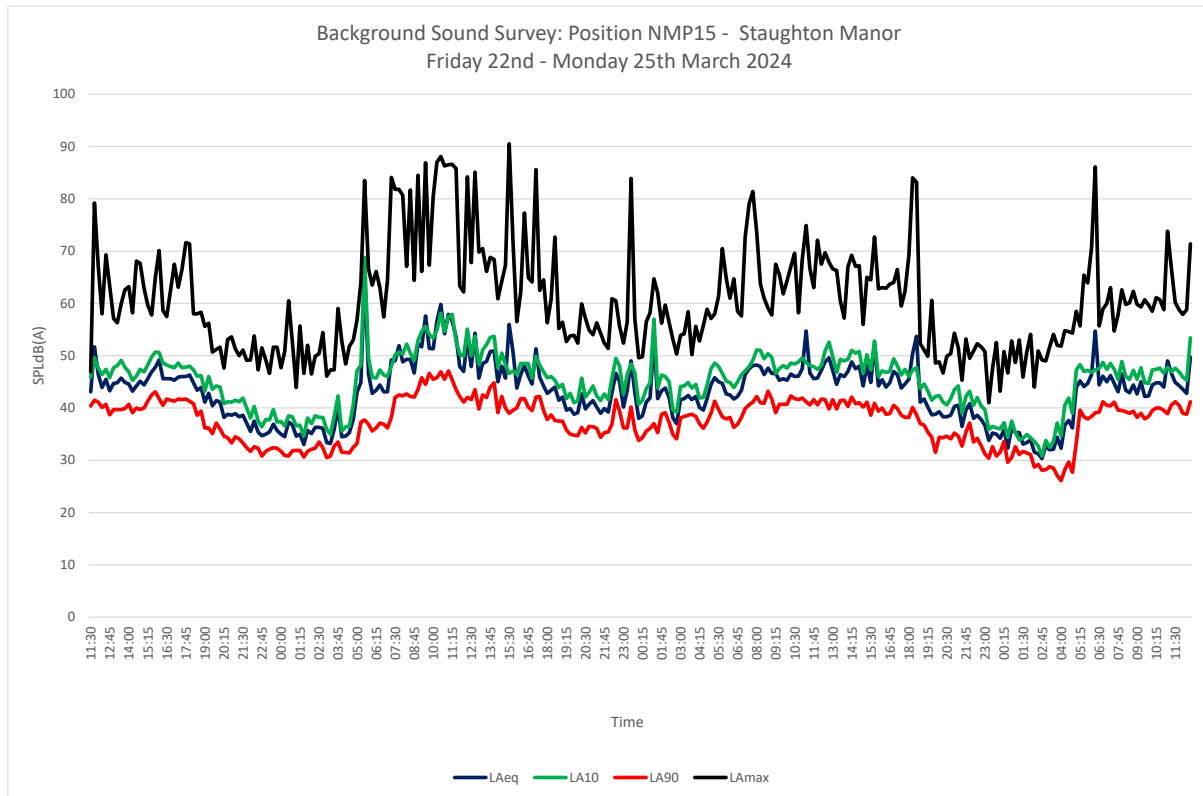
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	45.0	47.4	40.5	60.0	
07:15	15:00	46.2	48.5	40.4	63.0	
07:30	15:00	44.7	47.4	41.1	54.7	
07:45	15:00	43.1	45.5	39.6	57.9	
08:00	15:00	46.5	48.9	39.5	62.6	
08:15	15:00	43.4	46.0	39.3	59.8	
08:30	15:00	42.9	45.5	39.0	60.1	
08:45	15:00	44.4	47.2	39.4	62.3	
09:00	15:00	42.7	45.5	38.2	59.8	
09:15	15:00	45.0	47.7	39.0	59.3	
09:30	15:00	42.2	44.8	37.9	60.7	
09:45	15:00	42.3	44.7	38.4	59.7	
10:00	15:00	44.4	47.3	39.5	58.5	
10:15	15:00	44.8	47.4	40.0	61.1	
10:30	15:00	44.8	47.6	40.0	60.7	
10:45	15:00	44.0	46.7	39.5	58.8	
11:00	15:00	49.0	47.8	38.9	73.8	
11:15	15:00	46.6	46.9	40.6	66.6	
11:30	15:00	44.9	47.6	41.2	60.2	
11:45	15:00	44.3	46.9	40.5	58.8	
12:00	15:00	43.6	45.9	39.0	57.9	
12:15	15:00	42.8	45.3	38.8	58.8	
12:30	15:00	49.7	53.4	41.2	71.4	
Average 0700-1245		45.1	47.5	39.7	55-74	

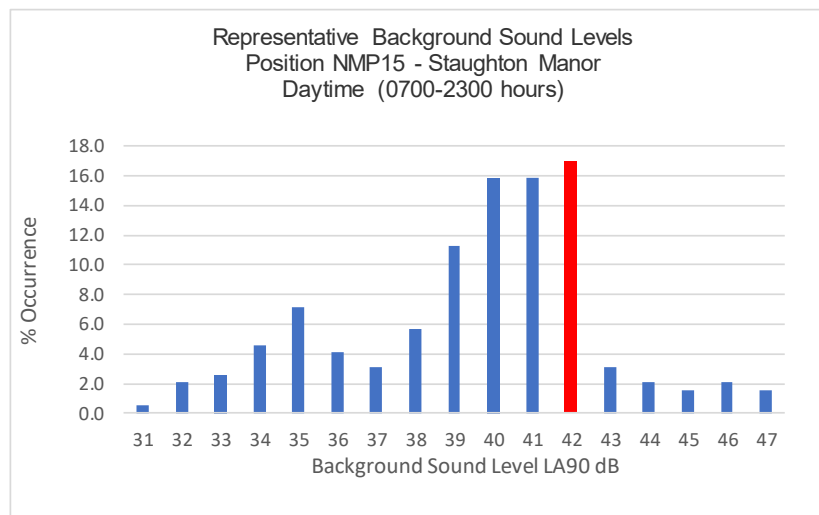
Overall Average	47.1	50.2	35.5	41-86	Excluding Rain
Overall Average	47.9	48.8	40.4	45-91	Excluding Rain

Average 0500-0700	52.4	55.6	38.1	56-86
--------------------------	-------------	-------------	-------------	--------------

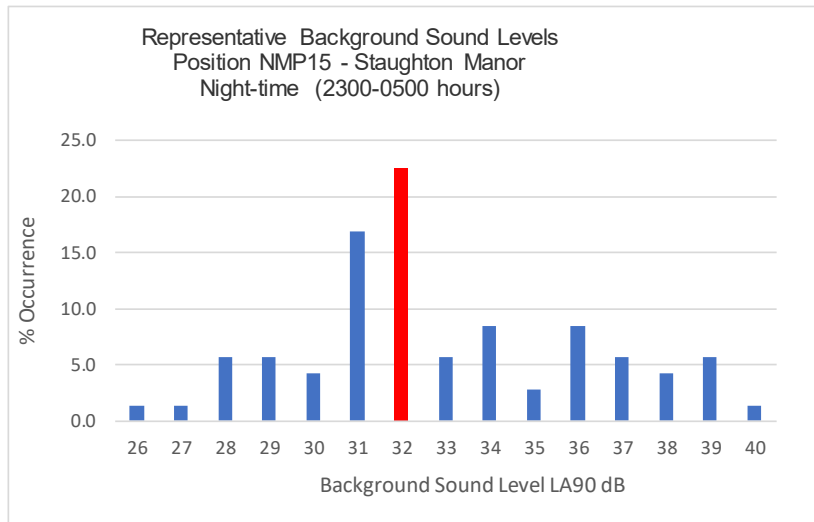
Average 2300-0500	40.1	42.8	34.1	41-84
--------------------------	-------------	-------------	-------------	--------------



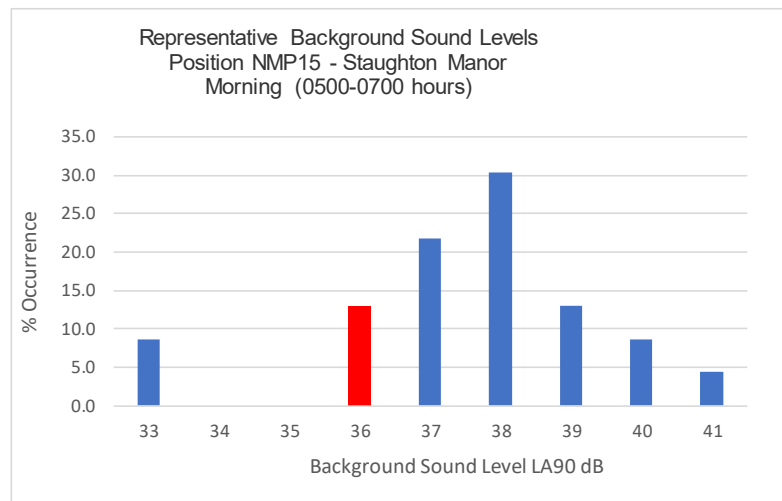
LA90	% Occurrence
31	0.5
32	2.1
33	2.6
34	4.6
35	7.2
36	4.1
37	3.1
38	5.6
39	11.3
40	15.9
41	15.9
42	16.9
43	3.1
44	2.1
45	1.5
46	2.1
47	1.5



LA90	% Occurrence
26	1.4
27	1.4
28	5.6
29	5.6
30	4.2
31	16.9
32	22.5
33	5.6
34	8.5
35	2.8
36	8.5
37	5.6
38	4.2
39	5.6
40	1.4



LA90	% Occurrence
33	8.7
34	0.0
35	0.0
36	13.0
37	21.7
38	30.4
39	13.0
40	8.7
41	4.3



2.17 NMP 16: Moor Road (North)

Noise Survey Results

Date: Friday 22nd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

TABLE 31

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	69.2	64.8	38.0	98.7	Local and distant road traffic noise & birdsong
07:15	15:00	57.7	44.5	38.3	83.3	
07:30	15:00	58.8	46.8	38.3	83.2	
07:45	15:00	60.7	47.8	38.7	86.8	
08:00	15:00	57.3	47.7	39.9	82.0	
08:15	15:00	61.3	48.8	40.5	86.1	
08:30	15:00	62.6	54.0	40.9	83.7	
08:45	15:00	61.4	50.0	40.2	84.2	
09:00	15:00	62.5	51.1	37.9	86.3	
09:15	15:00	58.4	49.2	38.3	83.5	
09:30	15:00	62.6	50.3	38.8	86.0	
09:45	15:00	58.3	48.0	40.1	82.5	
10:00	15:00	58.5	49.4	39.2	83.8	
10:15	15:00	59.3	48.2	39.3	84.9	
10:30	15:00	62.1	50.7	41.0	86.4	
10:45	15:00	61.6	54.3	40.3	84.0	
11:00	15:00	60.1	48.1	39.2	87.6	
11:15	15:00	62.1	53.2	38.9	84.5	
11:30	15:00	60.6	49.8	39.4	85.1	
11:45	15:00	60.5	50.0	38.8	85.2	
12:00	15:00	62.4	55.8	38.5	86.5	
12:15	15:00	60.8	49.3	38.5	83.2	
12:30	15:00	61.3	47.8	39.4	85.7	
12:45	15:00	59.0	45.8	37.7	83.4	
13:00	15:00	56.6	48.3	37.0	82.4	
13:15	15:00	59.0	48.8	38.4	82.9	
13:30	15:00	59.3	51.3	38.4	84.9	
13:45	15:00	58.8	47.5	38.8	82.1	
14:00	15:00	63.2	54.9	39.6	84.7	
14:15	15:00	61.1	50.0	35.5	84.9	
14:30	15:00	61.7	50.0	37.1	85.2	
14:45	15:00	66.0	56.6	37.2	94.0	
Average 0700-1500		61.6	53.3	38.9	82-99	

Noise Survey Results

Date: Friday 22nd March 2024

TABLE 32

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	64.7	57.7	38.5	86.2	
15:15	15:00	59.8	52.0	39.2	82.2	
15:30	15:00	64.1	57.7	40.0	85.7	
15:45	15:00	61.8	54.9	41.7	83.9	
16:00	15:00	60.8	51.5	39.9	85.2	
16:15	15:00	64.9	55.1	39.4	89.2	
16:30	15:00	64.3	53.9	41.6	90.6	
16:45	15:00	59.2	48.8	38.8	82.6	
17:00	15:00	64.5	55.5	40.9	88.0	
17:15	15:00	64.4	52.7	40.5	89.3	
17:30	15:00	59.4	51.8	40.6	82.3	
17:45	15:00	57.0	49.2	40.1	82.8	
18:00	15:00	61.5	54.2	41.2	85.4	
18:15	15:00	59.5	51.7	39.7	83.7	
18:30	15:00	63.6	50.7	38.3	93.4	
18:45	15:00	59.7	51.4	42.6	86.6	
19:00	15:00	55.0	51.3	38.0	81.2	
19:15	15:00	54.7	50.7	39.8	78.3	
19:30	15:00	61.4	52.2	37.0	86.4	
19:45	15:00	55.2	50.0	36.2	77.7	
20:00	15:00	57.7	45.2	34.4	86.8	
20:15	15:00	37.8	39.7	30.5	59.8	
20:30	15:00	57.1	43.9	29.6	81.6	
20:45	15:00	56.8	41.1	32.0	83.2	
21:00	15:00	57.6	41.8	32.9	83.6	
21:15	15:00	51.1	38.5	30.7	80.6	
21:30	15:00	54.4	41.0	31.0	80.2	
21:45	15:00	58.8	41.5	31.7	84.3	
22:00	15:00	52.9	38.0	29.4	82.5	
22:15	15:00	36.9	38.7	30.6	54.7	
22:30	15:00	51.1	37.5	32.0	78.7	
22:45	15:00	51.2	36.1	27.8	79.5	
Average 1500-2300		60.3	51.5	38.2	55-93	

Noise Survey Results

Date: Friday 22nd - Saturday 23rd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 33

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	51.5	37.7	27.2	77.3	
23:15	15:00	33.1	35.6	29.6	44.7	
23:30	15:00	36.2	37.9	29.5	60.9	
23:45	15:00	33.0	35.5	29.0	47.3	
00:00	15:00	32.2	34.8	29.7	45.0	
00:15	15:00	31.4	34.3	29.5	47.1	
00:30	15:00	36.5	38.7	29.7	54.9	
00:45	15:00	53.1	39.9	30.2	81.8	
01:00	15:00	52.9	34.8	28.8	79.1	
01:15	15:00	32.5	35.0	29.5	46.1	
01:30	15:00	32.1	34.3	28.8	50.2	
01:45	15:00	33.0	35.5	28.3	46.6	
02:00	15:00	32.4	34.7	29.3	47.6	
02:15	15:00	33.3	35.7	30.1	42.7	
02:30	15:00	35.5	37.7	32.2	51.0	
02:45	15:00	35.5	37.6	32.0	50.7	
03:00	15:00	34.9	37.3	31.4	51.2	
03:15	15:00	35.5	37.1	32.1	52.8	
03:30	15:00	38.2	40.7	33.1	52.9	
03:45	15:00	40.8	43.9	35.4	55.3	
04:00	15:00	39.1	41.7	34.3	52.7	
04:15	15:00	40.1	42.9	36.0	52.3	
04:30	15:00	52.6	44.7	37.5	80.8	
04:45	15:00	40.3	42.6	36.8	56.4	
05:00	15:00	58.0	50.4	37.9	84.4	
05:15	15:00	50.0	54.0	41.3	66.3	
05:30	15:00	45.7	48.0	41.9	64.6	
05:45	15:00	44.1	46.5	39.8	60.0	
06:00	15:00	44.2	45.9	39.5	58.7	
06:15	15:00	44.5	45.5	39.8	69.5	
06:30	15:00	43.0	45.0	39.4	58.2	
06:45	15:00	44.7	47.5	39.4	63.2	
Average 2300-0700		47.2	44.1	35.7	43-84	
Average 0700-2300		61.0	52.5	38.6	55-99	

Noise Survey Results

Date: Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 34

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	45.1	48.0	40.6	56.7	
07:15	15:00	47.2	49.9	42.8	67.3	
07:30	15:00	60.1	54.9	46.0	85.5	
07:45	15:00	58.9	54.8	46.8	84.2	
08:00	15:00	52.6	54.8	46.4	77.0	
08:15	15:00	54.3	53.5	44.3	81.8	
08:30	15:00	59.5	56.2	47.8	85.6	
08:45	15:00	61.1	54.3	46.5	85.5	
09:00	15:00	63.1	57.1	46.3	85.2	
09:15	15:00	59.0	55.4	45.3	81.6	
09:30	15:00	59.8	58.6	46.3	84.8	
09:45	15:00	61.0	57.1	47.5	84.6	
10:00	15:00	61.1	59.1	47.1	84.7	
10:15	15:00	59.0	56.7	46.7	84.0	
10:30	15:00	60.6	57.5	48.3	83.9	
10:45	15:00	64.6	59.4	48.2	87.7	
11:00	15:00	63.0	63.6	51.6	84.3	
11:15	15:00	60.8	58.7	47.5	83.3	
11:30	15:00	59.3	56.8	44.7	86.1	
11:45	15:00	59.8	50.1	43.0	83.1	
12:00	15:00	63.2	53.5	43.7	89.1	
12:15	15:00	60.6	56.3	43.3	87.9	
12:30	15:00	59.5	52.1	42.5	85.0	
12:45	15:00	54.7	55.2	46.3	80.4	
13:00	15:00	59.7	51.5	43.3	85.3	
13:15	15:00	50.2	49.6	41.3	76.4	
13:30	15:00	58.6	54.5	43.7	83.4	
13:45	15:00	56.4	53.3	45.0	82.8	
14:00	15:00	56.3	52.6	44.9	80.8	
14:15	15:00	60.7	54.5	43.4	85.2	Rain
14:30	15:00	61.6	56.1	40.6	86.7	Rain
14:45	15:00	64.4	52.7	39.1	87.6	
Average 0700-1500		60.0	56.2	45.9	57-89	Excluding Rain

Noise Survey Results

Date: Saturday 23rd March 2024

TABLE 35

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	54.0	48.9	40.4	79.6	
15:15	15:00	58.4	47.3	39.2	81.7	
15:30	15:00	61.0	51.2	38.7	85.9	
15:45	15:00	58.7	48.8	39.5	82.3	
16:00	15:00	56.9	47.2	38.7	82.5	
16:15	15:00	59.1	48.5	40.3	83.1	
16:30	15:00	53.0	47.8	41.2	80.1	
16:45	15:00	64.0	54.6	40.2	88.1	
17:00	15:00	43.7	44.6	37.6	67.6	
17:15	15:00	58.5	50.2	41.8	82.8	
17:30	15:00	54.7	47.2	40.2	83.4	
17:45	15:00	59.9	47.7	38.5	85.1	
18:00	15:00	58.2	47.1	38.8	83.0	
18:15	15:00	57.8	48.4	39.3	80.8	
18:30	15:00	59.9	48.9	38.8	86.0	
18:45	15:00	42.6	44.7	39.5	50.5	
19:00	15:00	54.7	50.6	41.6	83.3	
19:15	15:00	56.2	48.3	40.0	82.2	
19:30	15:00	56.5	46.6	38.6	81.9	
19:45	15:00	53.6	46.3	39.7	82.8	
20:00	15:00	43.6	46.1	39.9	54.1	
20:15	15:00	52.6	47.6	40.0	80.9	
20:30	15:00	44.4	46.9	40.1	52.6	
20:45	15:00	42.8	45.8	38.4	54.0	
21:00	15:00	57.4	44.4	36.2	83.2	
21:15	15:00	54.0	42.4	36.3	79.8	
21:30	15:00	38.8	41.2	35.2	50.3	
21:45	15:00	42.1	44.6	37.9	51.5	
22:00	15:00	51.6	44.7	36.8	77.4	
22:15	15:00	57.5	46.2	38.4	84.8	
22:30	15:00	47.5	50.2	42.7	57.9	
22:45	15:00	45.7	48.8	38.8	58.6	
Average 1500-2300		56.5	48.1	39.4	50-88	

Noise Survey Results

Date: Saturday 23rd - Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 36

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	52.5	43.4	36.7	80.9	Rain
23:15	15:00	59.4	46.9	37.2	83.4	
23:30	15:00	44.2	46.2	41.3	51.6	
23:45	15:00	43.4	46.0	37.2	54.5	
00:00	15:00	37.9	39.6	35.1	51.2	
00:15	15:00	39.2	42.0	34.8	50.1	
00:30	15:00	41.7	45.1	35.5	52.2	
00:45	15:00	42.9	47.0	35.9	60.3	
01:00	15:00	39.5	42.2	34.3	57.3	
01:15	15:00	40.1	43.2	27.8	67.9	
01:30	15:00	36.9	39.7	28.7	63.5	
01:45	15:00	39.5	41.6	36.5	49.4	
02:00	15:00	42.2	45.2	37.7	55.0	
02:15	15:00	41.1	43.9	34.6	58.8	
02:30	15:00	35.7	37.9	32.6	44.8	
02:45	15:00	35.1	37.4	31.8	46.4	
03:00	15:00	37.7	40.1	33.9	49.2	
03:15	15:00	40.5	43.1	37.1	48.6	
03:30	15:00	40.3	42.6	37.1	52.6	
03:45	15:00	40.9	43.0	37.4	48.7	
04:00	15:00	39.9	41.9	35.9	58.2	
04:15	15:00	38.5	40.9	35.3	48.4	
04:30	15:00	37.6	39.7	34.5	58.4	
04:45	15:00	37.6	40.1	34.2	56.0	
05:00	15:00	42.3	44.8	35.3	60.1	
05:15	15:00	45.8	48.1	39.5	62.8	
05:30	15:00	53.1	45.4	37.0	81.7	
05:45	15:00	58.7	44.5	35.2	86.6	
06:00	15:00	43.0	46.6	34.5	58.8	
06:15	15:00	40.2	42.3	34.1	57.0	
06:30	15:00	45.4	45.9	33.5	65.3	
06:45	15:00	50.3	42.4	34.2	78.9	
Average 2300-0700		48.8	43.8	35.9	45-87	Excluding Rain
Average 0700-2300		58.6	53.7	43.7	50-89	Excluding Rain

Noise Survey Results

Date: Sunday 24th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 37

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	56.2	43.7	35.4	83.8	
07:15	15:00	56.3	43.9	37.0	83.3	
07:30	15:00	53.7	45.5	37.9	82.1	
07:45	15:00	57.3	44.4	37.5	87.9	
08:00	15:00	45.2	47.7	39.6	60.3	
08:15	15:00	55.2	48.0	41.1	83.1	
08:30	15:00	54.4	49.5	41.3	83.7	
08:45	15:00	54.7	49.3	41.5	81.9	
09:00	15:00	59.6	50.3	39.7	83.8	
09:15	15:00	59.2	50.3	38.9	85.3	
09:30	15:00	57.2	47.6	39.8	83.8	
09:45	15:00	61.2	47.5	38.7	88.3	
10:00	15:00	58.9	49.7	39.0	84.3	
10:15	15:00	58.3	49.9	41.2	85.1	
10:30	15:00	62.0	53.3	41.9	87.4	
10:45	15:00	62.2	51.1	39.3	87.7	
11:00	15:00	59.0	50.0	40.0	82.4	
11:15	15:00	58.3	49.9	39.9	85.9	
11:30	15:00	56.2	51.2	39.7	82.8	
11:45	15:00	60.3	50.5	39.5	86.6	
12:00	15:00	58.4	49.5	40.3	86.8	
12:15	15:00	59.7	47.4	39.4	89.4	
12:30	15:00	53.2	52.3	40.8	79.0	
12:45	15:00	59.3	54.5	41.7	82.8	
13:00	15:00	54.7	55.7	42.2	81.4	
13:15	15:00	57.6	58.3	42.1	79.8	
13:30	15:00	61.3	56.5	41.5	84.5	
13:45	15:00	52.8	54.8	45.7	73.5	
14:00	15:00	55.9	55.3	44.5	79.4	
14:15	15:00	61.7	61.7	44.3	82.7	
14:30	15:00	62.0	63.4	41.3	84.3	
14:45	15:00	53.1	54.3	45.3	77.3	
Average 0700-1500		58.4	54.1	41.1	60-89	

Noise Survey Results

Date: Sunday 24th March 2024

TABLE 38

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	57.5	52.2	43.6	80.5	
15:15	15:00	59.3	56.2	41.1	81.5	
15:30	15:00	60.9	55.4	41.3	82.1	
15:45	15:00	65.4	64.8	42.3	85.0	
16:00	15:00	54.8	47.9	39.1	81.4	
16:15	15:00	61.2	54.0	41.1	84.1	
16:30	15:00	60.7	48.3	38.6	89.1	
16:45	15:00	57.5	50.1	39.1	80.9	
17:00	15:00	60.9	55.4	36.5	83.1	
17:15	15:00	54.8	48.2	37.5	79.0	
17:30	15:00	55.1	46.0	36.5	80.3	
17:45	15:00	54.7	45.3	36.8	80.3	
18:00	15:00	61.9	50.8	34.4	87.2	
18:15	15:00	55.0	48.9	37.9	81.4	
18:30	15:00	54.7	51.1	39.3	78.9	
18:45	15:00	51.7	51.3	40.1	78.5	
19:00	15:00	55.7	53.0	41.6	84.6	
19:15	15:00	54.5	51.4	35.9	80.5	
19:30	15:00	54.9	52.1	37.9	82.9	
19:45	15:00	52.6	50.2	31.9	79.9	
20:00	15:00	52.3	53.4	37.5	75.6	
20:15	15:00	48.6	52.8	34.5	57.3	
20:30	15:00	47.2	50.9	32.4	61.0	
20:45	15:00	54.5	53.2	36.3	83.2	
21:00	15:00	51.6	52.6	36.7	76.5	
21:15	15:00	47.5	51.5	34.5	58.9	
21:30	15:00	46.0	49.9	31.1	62.1	
21:45	15:00	48.6	53.4	32.1	60.8	
22:00	15:00	50.9	53.7	42.7	58.8	
22:15	15:00	46.7	50.9	34.0	61.6	
22:30	15:00	43.0	48.1	30.5	56.7	
22:45	15:00	48.1	52.3	32.4	63.2	
Average 1500-2300		57.0	53.9	38.4	57-89	

Noise Survey Results

Date: Sunday 24th - Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 39

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	55.5	51.9	30.2	79.9	
23:15	15:00	40.8	45.9	29.8	56.2	
23:30	15:00	57.2	47.7	25.4	84.4	
23:45	15:00	38.6	35.1	24.9	56.2	
00:00	15:00	38.0	40.6	26.1	54.0	
00:15	15:00	28.2	28.3	26.0	55.4	
00:30	15:00	37.9	33.7	23.7	57.0	
00:45	15:00	40.2	40.7	23.3	59.0	
01:00	15:00	30.8	27.7	22.5	49.2	
01:15	15:00	39.2	38.1	24.4	61.4	
01:30	15:00	27.9	29.6	25.6	35.5	
01:45	15:00	32.0	30.5	23.7	50.4	
02:00	15:00	36.0	38.8	25.1	56.3	
02:15	15:00	30.4	32.0	28.3	37.2	
02:30	15:00	28.5	31.2	25.7	37.5	
02:45	15:00	27.8	28.3	23.0	56.4	
03:00	15:00	53.7	43.7	23.3	83.4	
03:15	15:00	56.3	40.0	23.7	83.5	
03:30	15:00	39.9	44.3	26.5	55.0	
03:45	15:00	55.3	48.7	30.2	79.1	
04:00	15:00	38.0	40.5	29.8	56.4	
04:15	15:00	43.7	48.5	29.9	57.7	
04:30	15:00	58.3	51.6	33.5	85.0	
04:45	15:00	54.6	48.5	32.5	81.5	
05:00	15:00	44.4	48.7	32.2	59.9	
05:15	15:00	53.9	55.6	37.7	78.5	
05:30	15:00	53.8	54.7	36.4	80.7	
05:45	15:00	57.2	52.5	37.1	82.2	
06:00	15:00	60.8	55.4	39.8	82.8	
06:15	15:00	62.4	58.0	44.2	84.9	
06:30	15:00	63.0	57.9	44.9	87.3	
06:45	15:00	61.5	58.4	46.2	84.1	
Average 2300-0700		55.0	50.8	36.4	36-87	
Average 0700-2300		57.8	54.0	40.0	57-89	

Noise Survey Results

Date: Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 40

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP16 - Moor Road (North)**

Instrumentation: Cirrus 171A Real Time Analyser (G066350)

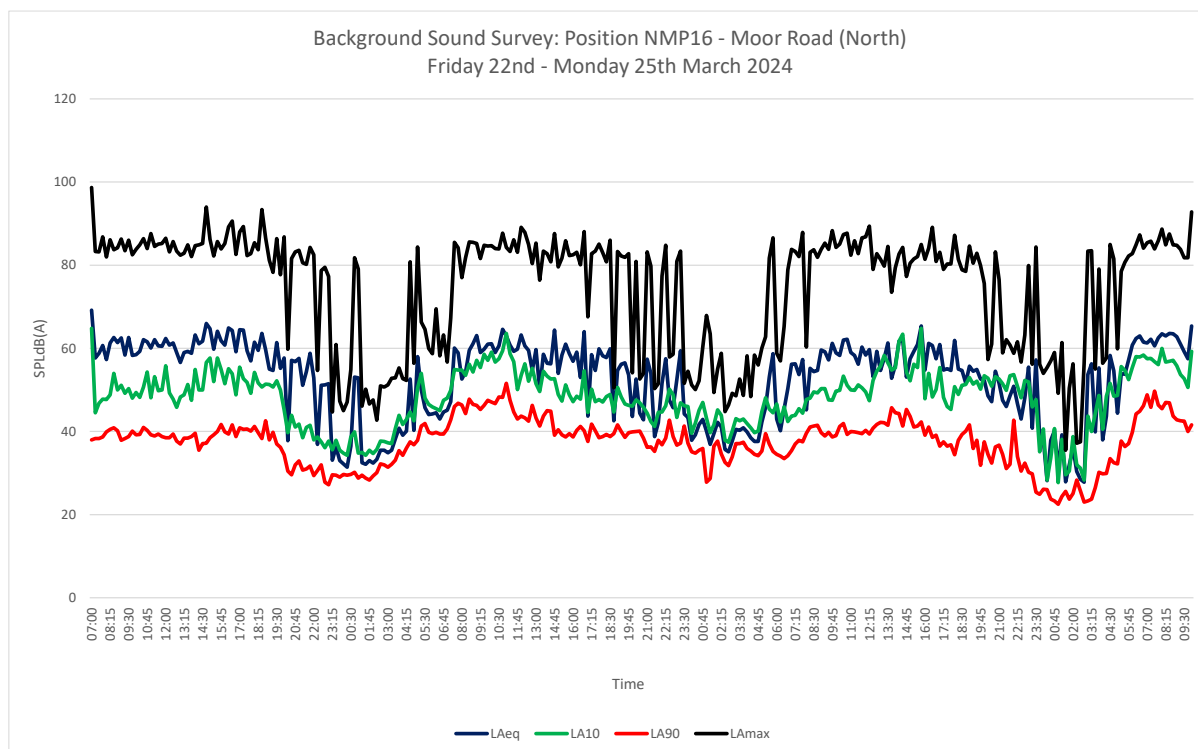
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	61.3	57.5	48.8	85.4	
07:15	15:00	62.2	57.6	45.8	85.8	
07:30	15:00	60.6	56.8	49.7	83.9	
07:45	15:00	62.5	56.1	46.4	85.9	
08:00	15:00	63.5	60.0	45.5	88.7	
08:15	15:00	63.0	56.7	47.0	84.9	
08:30	15:00	63.6	56.9	46.9	87.5	
08:45	15:00	63.5	57.1	43.7	84.9	
09:00	15:00	62.8	55.8	42.8	84.8	
09:15	15:00	61.0	53.7	42.6	83.8	
09:30	15:00	59.2	52.7	42.5	81.8	
09:45	15:00	57.5	50.6	40.0	81.8	
10:00	15:00	65.4	59.3	41.6	92.8	
Average 0700-1015		62.4	56.8	45.7	82-93	

Overall Average	51.8	47.6	36.0	36-87	Excluding Rain
Overall Average	59.6	53.8	41.7	50-99	Excluding Rain

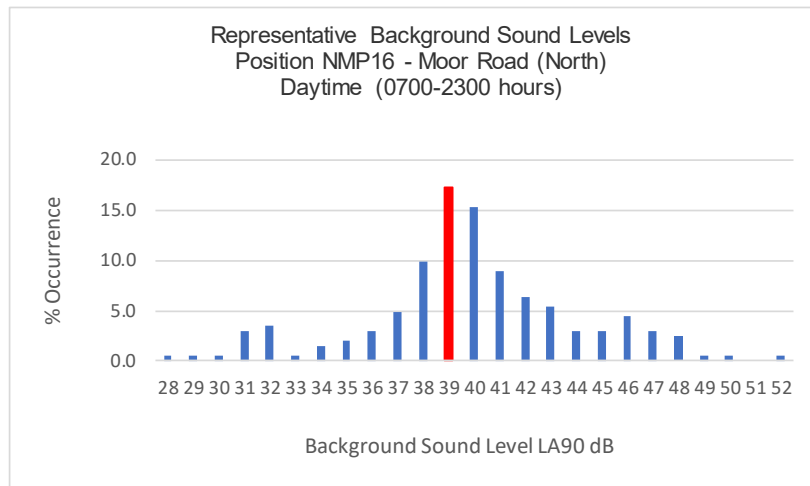
Average 0500-0700	55.9	52.3	39.9	57-87
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	48.5	43	33.1	36-85
--------------------------	-------------	-----------	-------------	--------------

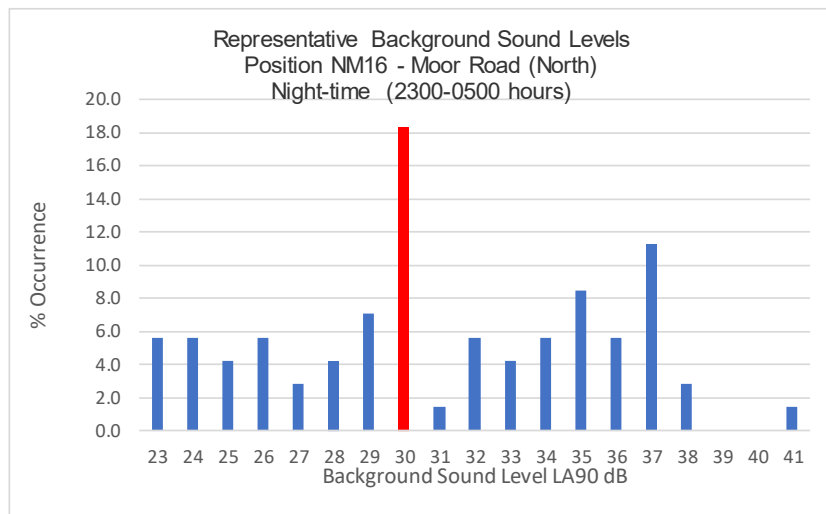


LA90 % Occurrence

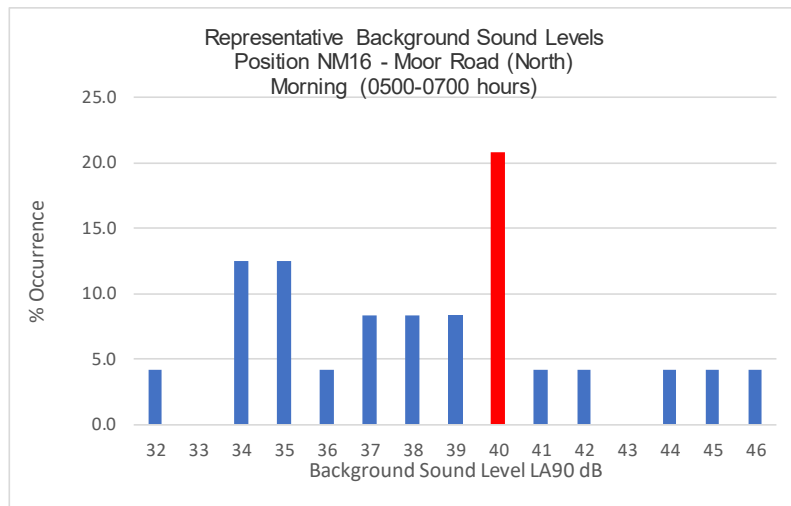
28	0.5
29	0.5
30	0.5
31	3.0
32	3.4
33	0.5
34	1.5
35	2.0
36	3.0
37	4.9
38	9.9
39	17.2
40	15.3
41	8.9
42	6.4
43	5.4
44	3.0
45	3.0
46	4.4
47	3.0
48	2.5
49	0.5
50	0.5
51	0.0
52	0.5


LA90 % Occurrence

23	5.6
24	5.6
25	4.2
26	5.6
27	2.8
28	4.2
29	7.0
30	18.3
31	1.4
32	5.6
33	4.2
34	5.6
35	8.5
36	5.6
37	11.3
38	2.8
39	0.0
40	0.0
41	1.4



LA90	% Occurrence
32	4.2
33	0.0
34	12.5
35	12.5
36	4.2
37	8.3
38	8.3
39	8.3
40	20.8
41	4.2
42	4.2
43	0.0
44	4.2
45	4.2
46	4.2



2.18 NMP 17: Moor Road (Rushey Farm)

Noise Survey Results

Date: Friday 22nd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP17 - Moor Road**

Instrumentation: Norsonic 140 Real Time Analyser (1405418)

Calibration: 94dB

TABLE 11

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
10:45	15:00	52.2	54.3	43.5	79.4	Intermittent road traffic noise & birdsong
11:00	15:00	48.8	50.3	42.1	66.0	
11:15	15:00	51.8	55.3	40.5	72.0	
11:30	15:00	48.5	51.7	38.7	65.3	
11:45	15:00	49.9	51.0	39.6	70.5	
12:00	15:00	48.1	48.9	39.8	69.1	
12:15	15:00	46.9	47.8	39.2	63.1	
12:30	15:00	49.3	52.2	38.5	65.4	
12:45	15:00	50.8	54.8	40.2	68.1	
13:00	15:00	52.5	49.3	40.7	79.5	
13:15	15:00	46.4	47.4	37.9	69.1	
13:30	15:00	48.3	50.3	39.8	67.6	
13:45	15:00	50.5	52.8	41.7	68.3	
14:00	15:00	55.1	58.1	44.2	70.2	
14:15	15:00	53.2	51.6	38.3	75.9	
14:30	15:00	49.6	51.8	38.1	72.1	
14:45	15:00	52.7	52.2	37.6	77.7	
Average 1045-1500		50.9	52.6	40.4	63-80	

Noise Survey Results

Date: Friday 22nd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP17 - Moor Road**
 Instrumentation: Norsonic 140 Real Time Analyser (1405418)
 Calibration: 94dB

TABLE 12

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	53.5	57.0	39.5	72.7	
15:15	15:00	51.1	52.9	41.2	70.6	
15:30	15:00	52.8	56.3	42.2	69.6	
15:45	15:00	48.9	52.4	40.3	63.5	
16:00	15:00	47.5	49.1	40.2	64.9	
16:15	15:00	52.2	55.4	40.3	71.9	
16:30	15:00	51.2	55.3	40.8	66.5	
16:45	15:00	50.4	54.8	38.9	69.6	
17:00	15:00	51.6	56.4	40.4	66.2	
17:15	15:00	51.7	55.6	40.4	73.3	
17:30	15:00	50.8	53.7	39.0	68.7	
17:45	15:00	49.4	52.1	37.8	71.5	
18:00	15:00	55.4	57.0	40.2	76.2	
18:15	15:00	54.3	57.7	39.5	75.7	
18:30	15:00	56.3	56.2	37.9	77.2	
18:45	15:00	50.1	50.4	38.8	73.1	
19:00	15:00	44.7	44.5	35.4	70.5	
19:15	15:00	47.2	46.8	34.5	70.3	
19:30	15:00	47.4	47.6	34.2	63.8	
19:45	15:00	44.4	43.0	32.3	61.6	
20:00	15:00	43.9	42.4	32.5	62.6	
20:15	15:00	40.3	38.8	28.6	59.9	
20:30	15:00	44.2	44.9	30.0	61.6	
20:45	15:00	44.9	44.4	31.0	63.0	
21:00	15:00	45.4	45.5	32.7	62.7	
21:15	15:00	40.0	37.5	30.2	61.4	
21:30	15:00	43.4	41.3	29.2	60.6	
21:45	15:00	44.9	42.5	34.2	66.3	
22:00	15:00	42.8	41.8	33.2	61.1	
22:15	15:00	41.1	44.2	36.6	51.9	
22:30	15:00	41.4	41.1	36.4	59.1	
22:45	15:00	40.3	39.1	31.2	60.4	
Average 1500-2300		49.9	52.3	37.8	52-77	

Noise Survey Results

Date: Friday 22nd - Saturday 23rd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP17 - Moor Road**
 Instrumentation: Norsonic 140 Real Time Analyser (1405418)
 Calibration: 94dB

TABLE 13

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	40.2	38.2	30.1	59.5	
23:15	15:00	33.8	36.5	30.1	43.8	
23:30	15:00	35.7	38.0	32.6	42.4	
23:45	15:00	35.7	37.7	32.5	50.1	
00:00	15:00	36.1	39.0	30.8	46.9	
00:15	15:00	34.4	36.5	30.2	48.5	
00:30	15:00	39.8	42.9	32.1	55.4	
00:45	15:00	43.8	43.1	34.7	64.5	
01:00	15:00	42.3	43.9	37.8	56.6	
01:15	15:00	42.6	45.5	38.6	49.8	
01:30	15:00	42.2	45.2	33.4	52.3	
01:45	15:00	38.6	41.3	34.0	48.9	
02:00	15:00	40.6	43.0	36.9	49.5	
02:15	15:00	42.4	45.2	37.8	55.5	
02:30	15:00	43.1	46.3	38.7	49.9	
02:45	15:00	44.9	48.1	39.9	53.8	
03:00	15:00	43.1	45.6	39.3	55.2	
03:15	15:00	43.8	46.6	39.4	52.0	
03:30	15:00	46.2	49.2	41.4	54.3	
03:45	15:00	48.3	51.0	44.1	57.4	
04:00	15:00	46.2	49.6	41.4	56.4	
04:15	15:00	48.1	50.8	44.0	58.5	
04:30	15:00	47.3	50.1	42.5	67.9	
04:45	15:00	47.8	49.5	44.3	71.7	
05:00	15:00	49.0	50.2	42.7	72.7	
05:15	15:00	57.8	62.3	45.5	73.7	
05:30	15:00	51.9	54.5	46.9	66.8	
05:45	15:00	57.4	59.1	44.3	76.5	
06:00	15:00	51.8	52.6	43.6	71.9	
06:15	15:00	49.9	51.9	42.4	72.8	
06:30	15:00	50.6	49.5	41.4	77.4	
06:45	15:00	55.0	49.6	42.0	85.7	
Average 2300-0700		49.1	51.4	40.9	42-86	
Average 1045-2300		50.2	52.4	38.9	52-80	

Noise Survey Results

Date: Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP17 - Moor Road**

Instrumentation: Norsonic 140 Real Time Analyser (1405418)

Calibration: 94dB

TABLE 14

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	52.0	53.1	42.9	78.2	
07:15	15:00	52.9	55.4	46.4	66.5	
07:30	15:00	57.7	61.2	51.5	69.6	
07:45	15:00	59.8	63.3	52.0	80.2	
08:00	15:00	57.2	60.5	50.9	69.3	
08:15	15:00	57.2	60.6	49.9	69.7	
08:30	15:00	59.2	62.5	53.8	67.1	
08:45	15:00	59.3	62.1	54.0	69.4	
09:00	15:00	57.3	60.5	50.8	66.8	
09:15	15:00	59.8	63.5	51.4	73.0	
09:30	15:00	59.7	62.7	53.6	73.0	
09:45	15:00	59.9	63.1	53.5	69.9	
10:00	15:00	59.0	62.3	53.6	68.1	
10:15	15:00	58.8	62.8	51.0	72.3	
10:30	15:00	59.6	62.1	54.5	69.2	
10:45	15:00	61.1	64.1	53.5	76.9	
11:00	15:00	66.4	71.3	56.6	77.5	
11:15	15:00	60.7	65.4	52.2	73.2	
11:30	15:00	58.0	61.5	50.6	76.4	
11:45	15:00	53.7	55.0	45.4	77.4	
12:00	15:00	54.4	57.0	47.1	76.1	
12:15	15:00	60.4	61.7	49.9	81.1	
12:30	15:00	51.7	54.7	45.1	71.1	
12:45	15:00	57.7	61.4	50.4	65.5	
13:00	15:00	53.9	57.2	46.6	62.4	
13:15	15:00	51.6	54.7	45.2	67.2	
13:30	15:00	58.5	62.1	50.0	71.8	
13:45	15:00	56.2	59.2	49.7	70.9	
14:00	15:00	54.0	57.1	48.7	66.3	
14:15	15:00	52.2	54.9	44.5	69.2	Rain
14:30	15:00	57.6	62.6	40.6	72.0	Rain
14:45	15:00	52.5	54.0	40.1	71.5	
Average 0700-1500		58.7	62.3	51.3	62-81	Excluding Rain

Noise Survey Results

Date: Saturday 23rd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP17 - Moor Road**
 Instrumentation: Norsonic 140 Real Time Analyser (1405418)
 Calibration: 94dB

TABLE 15

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	53.9	57.4	47.1	69.6	
15:15	15:00	51.9	52.7	40.6	70.6	
15:30	15:00	49.7	52.5	43.0	66.3	
15:45	15:00	55.1	55.0	45.1	72.8	
16:00	15:00	53.3	54.6	42.3	74.6	
16:15	15:00	60.1	58.3	45.7	89.2	
16:30	15:00	58.1	60.6	48.2	75.1	
16:45	15:00	53.0	56.1	46.1	65.8	
17:00	15:00	50.2	53.5	43.2	67.3	
17:15	15:00	50.4	53.5	45.0	65.7	
17:30	15:00	50.4	53.9	44.2	60.9	
17:45	15:00	48.8	50.9	42.7	61.4	
18:00	15:00	51.0	54.8	41.2	69.1	
18:15	15:00	50.7	53.8	42.9	70.7	
18:30	15:00	54.1	55.7	44.4	75.7	
18:45	15:00	50.1	53.5	44.0	60.6	
19:00	15:00	53.0	55.9	47.2	65.5	
19:15	15:00	50.7	53.2	46.1	62.0	
19:30	15:00	49.0	50.7	43.2	71.4	
19:45	15:00	49.5	52.4	43.5	62.9	
20:00	15:00	51.7	54.8	46.6	61.3	
20:15	15:00	51.7	55.5	45.4	61.3	
20:30	15:00	52.3	55.4	45.5	61.7	
20:45	15:00	50.5	53.7	45.6	60.3	
21:00	15:00	49.5	53.2	42.1	62.9	
21:15	15:00	48.3	51.1	43.2	60.9	
21:30	15:00	43.5	46.3	38.3	52.1	
21:45	15:00	49.0	52.6	43.1	60.6	
22:00	15:00	48.6	50.8	44.4	60.0	
22:15	15:00	50.9	53.7	45.4	64.3	
22:30	15:00	56.2	59.2	51.0	64.6	
22:45	15:00	54.5	57.9	47.7	65.0	
Average 1500-2300		52.8	55.0	45.1	52-89	

Noise Survey Results

Date: Saturday 23rd - Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP17 - Moor Road**
 Instrumentation: Norsonic 140 Real Time Analyser (1405418)
 Calibration: 94dB

TABLE 16

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	47.0	49.5	42.8	60.5	Rain
23:15	15:00	53.4	56.0	46.1	71.9	
23:30	15:00	54.3	57.5	49.2	63.5	
23:45	15:00	50.6	53.9	44.8	59.7	
00:00	15:00	46.6	49.4	41.6	55.1	
00:15	15:00	47.8	50.7	43.0	57.0	
00:30	15:00	49.9	52.9	44.6	58.7	
00:45	15:00	49.4	52.7	44.3	58.9	
01:00	15:00	46.7	49.3	42.4	58.8	
01:15	15:00	47.4	50.8	33.4	70.2	
01:30	15:00	45.9	50.3	34.2	57.6	
01:45	15:00	49.5	52.3	41.8	60.5	
02:00	15:00	49.0	52.6	43.5	58.4	
02:15	15:00	48.1	51.3	41.1	64.2	
02:30	15:00	42.5	45.1	37.5	51.1	
02:45	15:00	42.5	44.6	38.9	54.7	
03:00	15:00	46.6	49.5	40.5	54.2	
03:15	15:00	48.8	51.6	43.0	57.4	
03:30	15:00	48.7	51.8	44.0	58.8	
03:45	15:00	50.5	53.6	45.8	59.3	
04:00	15:00	47.8	50.3	43.1	55.6	
04:15	15:00	45.7	48.5	40.7	65.8	
04:30	15:00	45.4	48.0	40.2	66.0	
04:45	15:00	46.5	49.0	42.1	67.2	
05:00	15:00	48.7	51.7	43.8	65.3	
05:15	15:00	57.7	62.7	45.6	72.4	
05:30	15:00	54.0	55.0	42.5	83.9	
05:45	15:00	50.2	52.5	41.7	73.6	
06:00	15:00	47.0	48.3	39.6	72.7	
06:15	15:00	46.0	48.1	38.8	67.7	
06:30	15:00	45.6	47.7	36.6	66.5	
06:45	15:00	46.8	48.5	38.6	68.0	
Average 2300-0700		49.7	53.0	42.8	51-84	Excluding Rain
Average 0700-2300		53.6	56.4	45.4	52-89	Excluding Rain

Noise Survey Results

Date: Sunday 24th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 17

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP17 - Moor Road**

Instrumentation: Norsonic 140 Real Time Analyser (1405418)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	48.1	50.3	38.7	68.7	
07:15	15:00	48.8	50.9	41.6	68.9	
07:30	15:00	48.9	51.6	41.6	62.1	
07:45	15:00	51.0	54.7	43.0	64.0	
08:00	15:00	50.0	53.6	42.5	61.7	
08:15	15:00	51.4	55.2	41.6	65.5	
08:30	15:00	51.5	54.6	43.5	67.0	
08:45	15:00	52.6	56.1	42.7	66.3	
09:00	15:00	52.1	55.1	43.0	71.9	
09:15	15:00	49.8	53.5	40.4	66.0	
09:30	15:00	50.2	53.1	42.6	64.2	
09:45	15:00	52.6	55.2	43.7	69.3	
10:00	15:00	51.1	54.1	44.6	64.3	
10:15	15:00	52.1	55.6	45.1	68.0	
10:30	15:00	52.4	55.4	45.5	70.2	
10:45	15:00	51.5	54.3	45.2	65.4	
11:00	15:00	50.7	53.4	43.9	68.4	
11:15	15:00	49.3	51.4	42.5	65.3	
11:30	15:00	48.3	51.0	39.8	64.8	
11:45	15:00	49.7	52.9	41.2	68.8	
12:00	15:00	47.4	49.4	41.2	63.5	
12:15	15:00	50.5	53.8	41.3	69.1	
12:30	15:00	52.7	54.1	44.6	71.3	
12:45	15:00	53.7	56.0	43.1	70.0	
13:00	15:00	51.0	51.7	42.8	73.2	
13:15	15:00	48.7	51.5	40.9	67.0	
13:30	15:00	51.6	54.2	45.3	68.2	
13:45	15:00	56.9	57.2	43.9	74.6	
14:00	15:00	48.9	52.3	42.8	66.9	
14:15	15:00	57.2	58.1	47.4	73.1	
14:30	15:00	49.4	52.8	41.9	65.6	
14:45	15:00	48.5	50.7	42.4	67.6	
Average 0700-1500		51.5	54.0	43.2	62-85	

Noise Survey Results

Date: Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP17 - Moor Road**
 Instrumentation: Norsonic 140 Real Time Analyser (1405418)
 Calibration: 94dB

TABLE 18

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	48.3	50.2	42.7	62.6	
15:15	15:00	49.9	53.5	42.7	62.3	
15:30	15:00	50.2	52.8	42.8	72.5	
15:45	15:00	53.8	57.2	44.6	71.0	
16:00	15:00	54.1	55.7	42.2	74.4	
16:15	15:00	56.6	59.6	48.2	71.1	
16:30	15:00	55.7	59.1	48.7	66.3	
16:45	15:00	60.5	64.0	51.6	73.3	
17:00	15:00	48.1	48.8	37.8	71.9	
17:15	15:00	47.5	50.9	36.8	72.6	
17:30	15:00	45.0	46.6	36.6	66.1	
17:45	15:00	52.4	51.3	36.1	78.6	
18:00	15:00	53.1	52.3	35.4	80.6	
18:15	15:00	52.3	56.6	37.7	71.2	
18:30	15:00	50.9	53.0	38.2	70.9	
18:45	15:00	45.4	44.4	38.1	69.1	
19:00	15:00	42.6	42.2	36.9	60.3	
19:15	15:00	44.4	43.4	35.3	68.5	
19:30	15:00	42.3	42.8	34.5	61.4	
19:45	15:00	42.4	41.4	29.9	61.5	
20:00	15:00	45.6	46.1	32.7	68.4	
20:15	15:00	40.4	43.5	31.3	53.5	
20:30	15:00	37.6	40.7	31.5	49.5	
20:45	15:00	44.1	45.5	33.8	59.6	
21:00	15:00	39.7	42.7	34.3	47.3	
21:15	15:00	40.2	43.2	33.0	48.2	
21:30	15:00	40.8	43.3	31.1	68.9	
21:45	15:00	39.3	42.7	30.9	48.3	
22:00	15:00	40.5	41.7	36.6	67.7	
22:15	15:00	39.5	41.5	29.8	68.6	
22:30	15:00	38.1	39.0	29.7	69.6	
22:45	15:00	37.3	40.7	28.9	49.7	
Average 1500-2300		50.7	53.5	41.5	47-81	

Noise Survey Results

Date: Sunday 24th - Monday 25th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP17 - Moor Road**
 Instrumentation: Norsonic 140 Real Time Analyser (1405418)
 Calibration: 94dB

TABLE 19

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	45.0	44.4	26.7	63.7	
23:15	15:00	34.5	37.9	25.6	49.9	
23:30	15:00	45.0	43.7	26.6	62.8	
23:45	15:00	28.8	31.3	25.0	41.1	
00:00	15:00	36.1	34.5	26.3	68.9	
00:15	15:00	26.8	28.0	25.6	42.0	
00:30	15:00	28.9	31.0	24.7	51.9	
00:45	15:00	35.8	32.7	23.5	68.7	
01:00	15:00	36.4	28.3	23.5	68.8	
01:15	15:00	38.3	27.5	24.1	69.5	
01:30	15:00	27.3	29.3	24.8	35.4	
01:45	15:00	26.5	28.1	23.6	41.3	
02:00	15:00	36.3	32.0	24.5	69.4	
02:15	15:00	29.1	30.7	27.1	40.4	
02:30	15:00	34.9	28.2	24.2	68.7	
02:45	15:00	25.5	26.7	22.9	52.5	
03:00	15:00	46.8	43.9	25.0	71.3	
03:15	15:00	42.0	37.2	24.8	68.4	
03:30	15:00	29.6	31.0	28.2	38.3	
03:45	15:00	41.4	41.4	27.6	68.4	
04:00	15:00	38.1	32.0	27.4	69.0	
04:15	15:00	36.3	33.3	29.0	68.6	
04:30	15:00	44.5	41.0	31.3	70.0	
04:45	15:00	40.9	39.5	31.7	68.8	
05:00	15:00	44.6	45.9	33.7	69.8	
05:15	15:00	55.3	58.9	37.0	74.2	
05:30	15:00	47.3	47.4	35.6	74.5	
05:45	15:00	52.4	51.8	36.8	76.0	
06:00	15:00	50.2	54.3	36.3	69.8	
06:15	15:00	52.3	56.6	39.7	70.1	
06:30	15:00	53.8	55.6	38.9	73.1	
06:45	15:00	51.8	56.0	39.2	72.1	
Average 2300-0700		46.6	49.1	32.4	35-76	
Average 0700-2300		45.8	48.1	39.5	47-85	

Noise Survey Results

Date: Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP17 - Moor Road**

Instrumentation: Norsonic 140 Real Time Analyser (1405418)

Calibration: 94dB

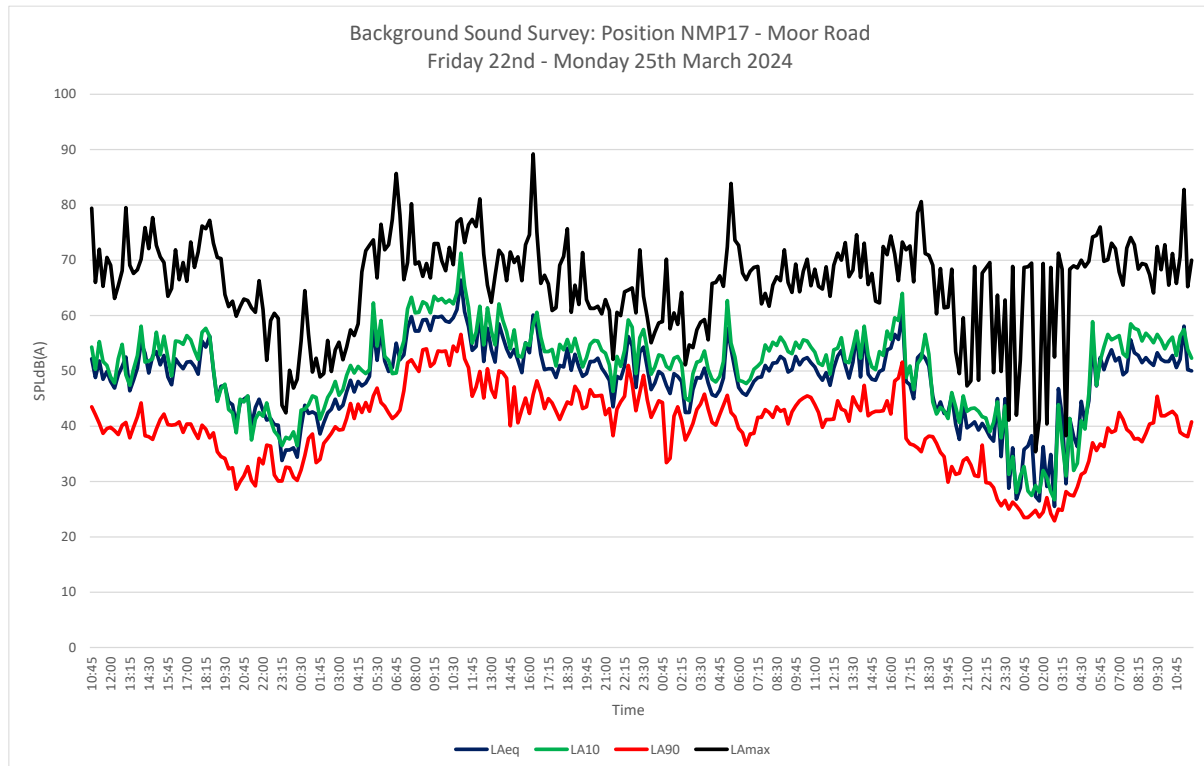
TABLE 20

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	52.4	56.4	42.5	67.9	
07:15	15:00	49.3	53.1	41.2	65.5	
07:30	15:00	49.9	52.5	39.4	72.2	
07:45	15:00	55.6	58.5	38.8	74.1	
08:00	15:00	53.3	57.7	37.7	72.8	
08:15	15:00	52.8	57.4	37.8	68.4	
08:30	15:00	51.5	55.4	37.2	69.4	
08:45	15:00	52.4	56.8	38.7	69.2	
09:00	15:00	51.6	56.1	40.4	67.4	
09:15	15:00	51.0	55.1	40.6	64.1	
09:30	15:00	53.3	56.6	45.4	72.5	
09:45	15:00	52.1	55.5	41.9	68.3	
10:00	15:00	51.7	54.0	41.9	72.8	
10:15	15:00	51.7	55.3	42.3	65.5	
10:30	15:00	52.8	56.1	42.7	71.2	
10:45	15:00	50.6	52.8	41.9	65.8	
11:00	15:00	52.1	56.3	38.9	70.6	
11:15	15:00	58.1	57.5	38.4	82.8	
11:30	15:00	50.2	53.9	38.1	65.2	
11:45	15:00	50.0	52.3	40.8	70.0	
Average 0700-1200		52.6	55.8	40.8	64-83	

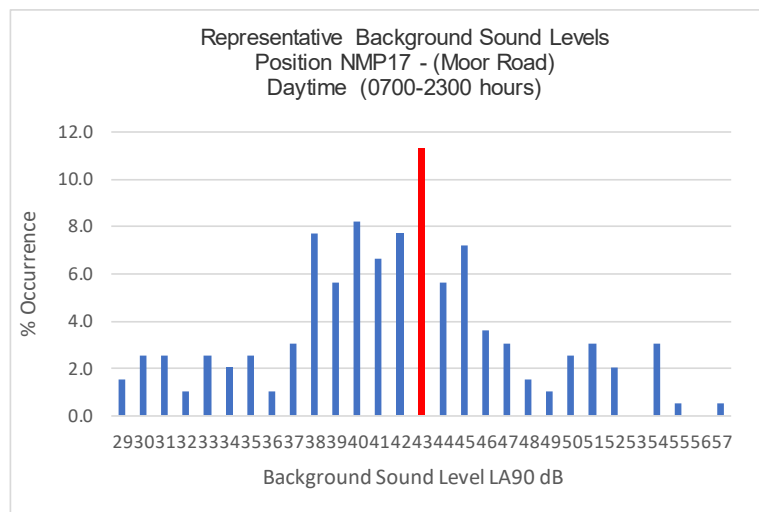
Overall Average	48.7	51.5	40.4	35-86	Excluding Rain
Overall Average	53.7	56.7	45.4	47-89	Excluding Rain

Average 0500-0700	52.7	55.5	41.8	65-86
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	45.6	48.2	39.9	35-72
--------------------------	-------------	-------------	-------------	--------------

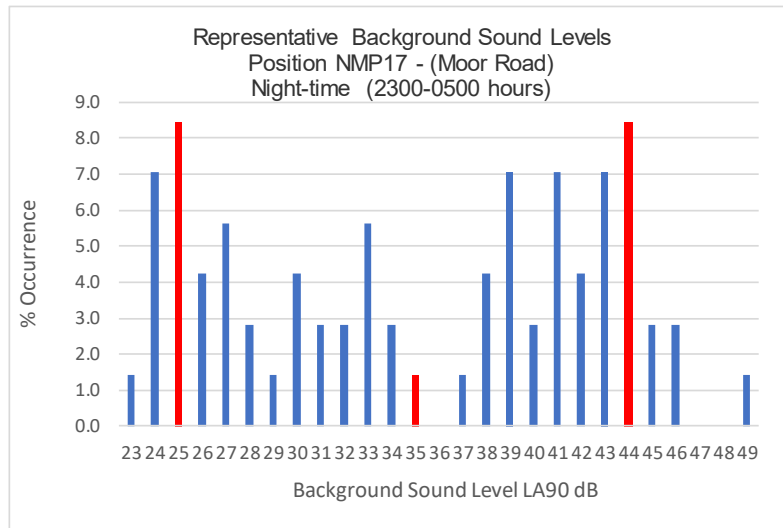


LA90	% Occurrence
29	1.5
30	2.6
31	2.6
32	1.0
33	2.6
34	2.1
35	2.6
36	1.0
37	3.1
38	7.7
39	5.6
40	8.2
41	6.7
42	7.7
43	11.3
44	5.6
45	7.2
46	3.6
47	3.1
48	1.5
49	1.0
50	2.6
51	3.1
52	2.1
53	0.0
54	3.1
55	0.5
56	0.0
57	0.5

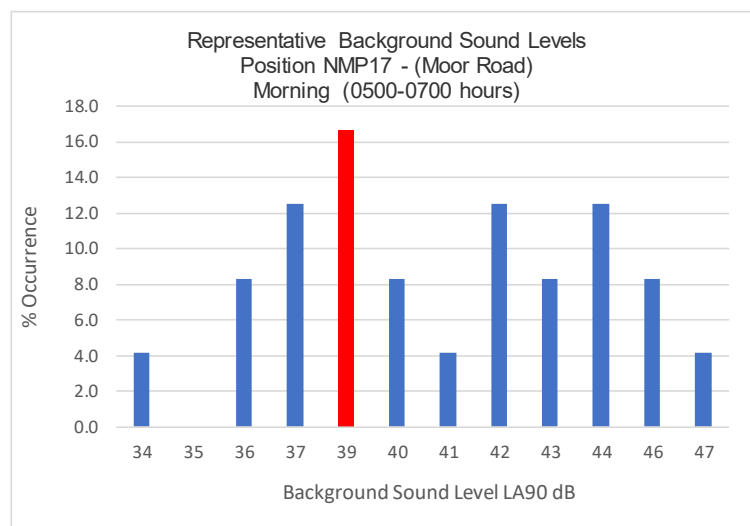


LA90 % Occurrence

23	1.4
24	7.0
25	8.5
26	4.2
27	5.6
28	2.8
29	1.4
30	4.2
31	2.8
32	2.8
33	5.6
34	2.8
35	1.4
36	0.0
37	1.4
38	4.2
39	7.0
40	2.8
41	7.0
42	4.2
43	7.0
44	8.5
45	2.8
46	2.8
47	0.0
48	0.0
49	1.4


LA90 % Occurrence

34	4.2
35	0.0
36	8.3
37	12.5
39	16.7
40	8.3
41	4.2
42	12.5
43	8.3
44	12.5
46	8.3
47	4.2



2.19 NMP 18: Moor Road

Noise Survey Results

Date: Friday 22nd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)

Calibration: 94dB

TABLE 21

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
11:00	15:00	55.3	57.9	41.4	74.2	Intermittent road traffic noise & birdsong
11:15	15:00	55.8	56.8	42.1	72.6	
11:30	15:00	51.6	51.1	38.9	71.0	
11:45	15:00	54.1	52.0	37.9	72.8	
12:00	15:00	54.2	54.3	40.7	72.1	
12:15	15:00	53.1	49.8	37.8	71.8	
12:30	15:00	52.8	50.1	38.3	72.2	
12:45	15:00	53.2	52.4	39.1	70.4	
13:00	15:00	49.8	51.2	40.0	69.7	
13:15	15:00	50.9	47.8	36.5	70.8	
13:30	15:00	55.0	53.9	39.6	75.0	
13:45	15:00	52.1	54.0	41.4	71.4	
14:00	15:00	57.8	58.6	41.7	75.1	
14:15	15:00	54.1	50.1	35.1	76.7	
14:30	15:00	53.3	51.0	34.4	72.8	
14:45	15:00	57.1	53.0	34.4	78.2	
Average 1100-1500		54.2	53.8	39.3	70-78	

Noise Survey Results

Date: Friday 22nd March 2024

TABLE 22

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	57.1	60.5	37.5	71.7	
15:15	15:00	53.9	53.3	37.3	71.2	
15:30	15:00	57.6	60.7	40.8	74.0	
15:45	15:00	51.8	52.3	37.7	70.0	
16:00	15:00	52.2	49.6	36.1	70.7	
16:15	15:00	55.2	55.5	36.0	71.8	
16:30	15:00	54.5	53.2	36.5	74.0	
16:45	15:00	52.6	50.3	34.5	71.4	
17:00	15:00	54.8	52.8	36.3	72.7	
17:15	15:00	55.5	51.3	35.5	76.0	
17:30	15:00	50.5	46.2	34.5	71.0	
17:45	15:00	49.9	51.4	34.9	68.0	
18:00	15:00	52.6	51.1	35.4	72.1	
18:15	15:00	52.3	49.2	34.5	72.5	
18:30	15:00	55.6	52.3	35.4	76.6	
18:45	15:00	50.0	46.8	35.7	72.7	
19:00	15:00	46.0	41.4	32.5	68.3	
19:15	15:00	54.1	44.9	31.5	79.6	
19:30	15:00	49.1	43.3	31.7	70.5	
19:45	15:00	47.7	41.7	29.8	68.3	
20:00	15:00	47.6	41.5	29.3	70.8	
20:15	15:00	42.6	37.3	26.8	68.3	
20:30	15:00	48.4	43.2	28.8	69.0	
20:45	15:00	49.1	38.7	28.6	74.3	
21:00	15:00	48.6	38.9	30.0	70.0	
21:15	15:00	44.4	34.9	28.1	69.9	
21:30	15:00	46.9	38.1	27.4	70.4	
21:45	15:00	47.0	39.6	27.9	69.1	
22:00	15:00	48.1	35.6	26.2	71.4	
22:15	15:00	35.5	38.2	29.2	48.5	
22:30	15:00	43.8	38.5	29.5	67.1	
22:45	15:00	43.8	35.9	26.3	68.1	
Average 1500-2300		52.0	51.5	34.2	49-80	

Noise Survey Results

Date: Friday 22nd - Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)

Calibration: 94dB

TABLE 23

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	44.3	36.3	30.5	66.7	
23:15	15:00	38.7	37.3	30.6	40.7	
23:30	15:00	35.6	36.0	30.5	40.2	
23:45	15:00	32.3	35.5	27.3	41.8	
00:00	15:00	31.8	35.3	25.4	47.4	
00:15	15:00	31.1	32.4	25.2	45.2	
00:30	15:00	36.9	39.2	26.9	52.1	
00:45	15:00	47.4	40.0	27.6	71.9	
01:00	15:00	31.7	32.9	27.9	48.6	
01:15	15:00	32.4	35.2	28.7	43.4	
01:30	15:00	31.6	34.4	27.1	44.3	
01:45	15:00	31.7	34.5	27.6	40.1	
02:00	15:00	34.1	36.8	30.5	48.2	
02:15	15:00	37.6	38.6	30.6	41.2	
02:30	15:00	37.4	40.1	31.6	51.4	
02:45	15:00	37.5	41.0	30.7	52.4	
03:00	15:00	31.4	33.7	28.5	42.3	
03:15	15:00	31.0	33.5	28.1	42.9	
03:30	15:00	34.7	37.3	31.0	47.2	
03:45	15:00	37.7	41.1	31.2	51.9	
04:00	15:00	33.0	35.0	30.5	46.7	
04:15	15:00	34.5	37.2	31.3	42.8	
04:30	15:00	35.1	37.5	31.2	48.5	
04:45	15:00	35.3	37.7	31.3	45.5	
05:00	15:00	43.3	38.5	32.5	68.0	
05:15	15:00	44.0	39.5	33.8	69.6	
05:30	15:00	37.3	39.7	34.2	47.0	
05:45	15:00	37.2	39.6	33.8	46.3	
06:00	15:00	52.2	56.9	34.9	68.8	
06:15	15:00	54.7	59.7	34.0	70.9	
06:30	15:00	38.2	39.7	34.2	52.2	
06:45	15:00	38.4	40.8	34.1	51.8	
Average 2300-0700		43.2	47.0	31.1	40-72	
Average 1100-2300		52.9	52.4	36.6	49-80	

Noise Survey Results

Date: Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 24

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	43.3	45.7	35.1	60.3	
07:15	15:00	42.5	45.6	36.3	60.4	
07:30	15:00	51.1	50.8	37.8	70.3	
07:45	15:00	59.1	49.3	38.6	85.3	
08:00	15:00	51.1	51.2	40.5	73.6	
08:15	15:00	47.0	50.7	40.0	57.4	
08:30	15:00	59.8	54.7	40.9	81.2	
08:45	15:00	55.5	53.8	42.1	76.2	
09:00	15:00	63.1	63.1	42.4	82.8	
09:15	15:00	54.3	56.2	42.3	73.9	
09:30	15:00	63.0	59.1	45.4	88.2	
09:45	15:00	57.6	59.5	45.4	75.9	
10:00	15:00	59.2	62.2	45.1	79.4	
10:15	15:00	56.1	57.5	45.5	74.2	
10:30	15:00	54.7	56.4	44.7	73.9	
10:45	15:00	58.9	58.4	44.8	79.2	
11:00	15:00	61.3	63.7	44.5	78.1	
11:15	15:00	58.8	59.6	46.5	77.7	
11:30	15:00	53.0	51.4	43.3	73.4	
11:45	15:00	51.9	50.1	36.9	69.1	
12:00	15:00	53.3	51.2	37.3	74.8	
12:15	15:00	57.3	55.9	43.4	74.6	
12:30	15:00	53.5	53.8	42.5	70.7	
12:45	15:00	54.9	57.1	42.2	75.8	
13:00	15:00	51.3	49.6	37.1	71.7	
13:15	15:00	44.6	46.6	37.9	64.2	
13:30	15:00	55.6	55.0	41.0	74.2	
13:45	15:00	51.5	53.2	42.5	70.6	
14:00	15:00	52.6	54.8	43.9	73.1	
14:15	15:00	56.4	59.3	44.5	71.5	Rain
14:30	15:00	59.7	64.0	38.0	80.2	Rain
14:45	15:00	56.0	49.7	36.8	75.0	
Average 0700-1500		56.8	56.8	42.5	57-88	Excluding Rain

Noise Survey Results

Date: Saturday 23rd March 2024

TABLE 25

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	53.2	56.4	41.9	67.3	
15:15	15:00	57.0	62.3	37.4	70.2	
15:30	15:00	49.1	50.6	38.1	69.2	
15:45	15:00	50.2	50.2	37.2	71.1	
16:00	15:00	48.2	45.3	35.7	70.8	
16:15	15:00	53.5	53.2	39.5	70.7	
16:30	15:00	52.7	54.8	42.7	71.5	
16:45	15:00	55.2	53.4	39.2	75.7	
17:00	15:00	50.8	51.7	39.5	71.2	
17:15	15:00	51.9	54.2	40.2	71.9	
17:30	15:00	53.8	55.2	41.6	71.0	
17:45	15:00	51.1	49.1	36.2	71.8	
18:00	15:00	51.6	49.0	34.8	71.5	
18:15	15:00	51.9	48.3	35.0	69.0	
18:30	15:00	51.9	47.2	35.1	72.7	
18:45	15:00	37.6	39.9	33.6	50.8	
19:00	15:00	45.6	43.6	35.4	69.1	
19:15	15:00	49.3	41.5	33.3	72.7	
19:30	15:00	49.0	42.4	31.5	70.6	
19:45	15:00	46.1	39.3	32.1	71.2	
20:00	15:00	38.0	41.4	32.2	49.0	
20:15	15:00	45.2	42.1	33.5	69.5	
20:30	15:00	37.6	40.7	32.8	46.4	
20:45	15:00	38.6	40.9	32.9	53.1	
21:00	15:00	50.4	44.9	34.7	71.2	
21:15	15:00	47.4	43.3	34.1	68.6	
21:30	15:00	38.3	41.8	32.2	49.9	
21:45	15:00	38.0	41.4	32.3	51.4	
22:00	15:00	43.8	40.5	33.2	64.7	
22:15	15:00	50.2	48.2	35.6	71.8	
22:30	15:00	52.6	51.9	41.7	76.9	
22:45	15:00	51.2	54.6	40.2	74.1	
Average 1500-2300		50.6	51.8	37.4	46-77	

Noise Survey Results

Date: Saturday 23rd - Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**
 Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)
 Calibration: 94dB

TABLE 26

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	41.2	45.1	33.6	52.3	Rain
23:15	15:00	53.7	49.2	34.9	75.0	
23:30	15:00	46.1	49.8	40.5	55.1	
23:45	15:00	43.2	46.9	34.1	55.6	
00:00	15:00	35.8	38.6	30.8	48.9	
00:15	15:00	34.8	37.1	31.0	49.1	
00:30	15:00	43.7	45.6	33.4	69.0	
00:45	15:00	41.5	44.8	35.1	52.4	
01:00	15:00	41.2	44.4	33.0	53.7	
01:15	15:00	43.5	48.5	26.3	53.3	
01:30	15:00	45.0	48.9	31.2	58.8	
01:45	15:00	49.1	51.8	39.3	72.6	
02:00	15:00	50.8	52.3	40.6	74.5	
02:15	15:00	49.0	52.6	37.5	62.7	
02:30	15:00	40.4	44.0	33.5	50.2	
02:45	15:00	36.9	40.0	31.5	47.8	
03:00	15:00	41.6	45.4	33.7	54.0	
03:15	15:00	43.8	47.8	37.0	54.9	
03:30	15:00	48.9	53.1	38.9	60.2	
03:45	15:00	44.8	48.4	37.8	56.0	
04:00	15:00	45.9	49.2	37.9	59.2	
04:15	15:00	46.5	50.4	37.7	58.2	
04:30	15:00	47.9	47.5	35.9	74.9	
04:45	15:00	44.5	48.1	37.9	54.0	
05:00	15:00	46.3	50.3	37.5	57.5	
05:15	15:00	46.4	50.0	39.9	60.2	
05:30	15:00	46.6	50.3	38.9	57.4	
05:45	15:00	45.0	47.7	38.2	58.8	
06:00	15:00	47.9	49.5	38.5	66.3	
06:15	15:00	41.2	44.0	35.8	54.9	
06:30	15:00	59.6	61.8	35.1	78.4	
06:45	15:00	46.7	48.2	36.0	67.3	
Average 2300-0700		48.4	50.7	36.7	48-78	Excluding Rain
Average 0700-2300		54.1	52.8	38.8	46-88	Excluding Rain

Noise Survey Results

Date: Sunday 24th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 27

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	49.1	48.9	38.2	71.4	
07:15	15:00	47.6	50.5	42.0	65.0	
07:30	15:00	52.2	54.1	43.2	68.4	
07:45	15:00	52.5	54.7	42.8	72.7	
08:00	15:00	51.3	54.8	42.8	64.0	
08:15	15:00	51.4	54.5	41.5	69.2	
08:30	15:00	53.8	56.8	42.4	70.6	
08:45	15:00	54.0	57.4	42.5	74.0	
09:00	15:00	56.6	56.6	42.7	78.2	
09:15	15:00	53.2	55.6	42.4	71.2	
09:30	15:00	54.4	55.1	42.2	72.1	
09:45	15:00	54.0	53.6	41.7	74.4	
10:00	15:00	54.1	55.7	44.5	71.6	
10:15	15:00	54.3	56.8	45.4	72.4	
10:30	15:00	55.4	58.1	45.0	69.7	
10:45	15:00	55.7	56.3	43.8	73.8	
11:00	15:00	53.7	55.0	42.1	70.4	
11:15	15:00	53.2	54.0	42.0	71.9	
11:30	15:00	50.8	50.7	40.5	70.3	
11:45	15:00	52.5	54.4	39.1	70.4	
12:00	15:00	51.9	55.8	41.9	65.8	
12:15	15:00	49.7	52.5	42.2	64.8	
12:30	15:00	52.3	55.7	44.1	66.9	
12:45	15:00	54.6	56.8	44.2	74.4	
13:00	15:00	49.5	52.6	40.1	64.7	
13:15	15:00	49.0	50.8	40.8	68.4	
13:30	15:00	53.1	55.9	43.4	68.5	
13:45	15:00	49.3	52.2	42.1	61.6	
14:00	15:00	52.7	52.3	40.3	73.4	
14:15	15:00	55.8	57.4	45.4	75.4	
14:30	15:00	51.0	51.2	40.5	70.8	
14:45	15:00	46.7	47.9	40.6	66.1	
Average 0700-1500		52.9	54.8	42.5	62-78	

Noise Survey Results

Date: Sunday 24th March 2024

TABLE 28

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	52.6	49.4	39.7	77.2	
15:15	15:00	51.5	52.1	40.9	69.2	
15:30	15:00	48.6	48.5	40.5	70.7	
15:45	15:00	51.4	53.0	42.7	70.5	
16:00	15:00	49.8	50.3	41.6	67.7	
16:15	15:00	53.6	51.9	41.6	71.6	
16:30	15:00	50.9	49.1	41.4	75.1	
16:45	15:00	52.2	50.0	39.9	72.7	
17:00	15:00	48.2	43.5	35.2	71.2	
17:15	15:00	48.3	45.8	35.5	67.7	
17:30	15:00	48.8	44.0	34.9	70.3	
17:45	15:00	49.1	44.5	34.3	70.3	
18:00	15:00	55.2	54.4	33.8	75.6	
18:15	15:00	49.7	46.8	35.3	71.8	
18:30	15:00	47.8	46.3	35.4	66.5	
18:45	15:00	46.5	41.7	35.3	68.2	
19:00	15:00	44.6	38.1	34.1	68.9	
19:15	15:00	36.0	38.7	31.8	42.8	
19:30	15:00	43.8	36.8	30.6	68.2	
19:45	15:00	46.1	37.8	27.1	71.1	
20:00	15:00	47.4	41.7	29.9	69.2	
20:15	15:00	36.9	39.5	30.8	44.0	
20:30	15:00	33.7	36.6	29.0	41.4	
20:45	15:00	47.1	40.9	32.1	71.0	
21:00	15:00	36.7	39.8	31.5	44.2	
21:15	15:00	37.7	40.9	32.2	45.1	
21:30	15:00	37.0	40.5	30.7	43.8	
21:45	15:00	36.6	40.0	30.0	44.0	
22:00	15:00	36.9	38.8	33.8	44.4	
22:15	15:00	34.0	37.1	27.7	44.0	
22:30	15:00	31.5	34.6	26.9	44.0	
22:45	15:00	32.1	34.9	27.7	41.5	
Average 1500-2300		48.3	46.9	36.6	41-77	

Noise Survey Results

Date: Sunday 24th - Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 29

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	31.8	34.5	26.4	45.4	
23:15	15:00	31.2	34.5	24.9	45.4	
23:30	15:00	48.2	38.1	31.1	72.3	
23:45	15:00	27.0	29.0	24.0	37.2	
00:00	15:00	28.5	30.4	25.2	46.0	
00:15	15:00	26.2	27.4	24.9	31.8	
00:30	15:00	28.8	28.8	23.4	46.3	
00:45	15:00	27.6	29.4	22.3	40.6	
01:00	15:00	34.6	27.5	22.2	50.2	
01:15	15:00	25.3	26.5	23.5	36.3	
01:30	15:00	25.9	27.3	24.1	28.9	
01:45	15:00	24.8	26.2	22.3	31.2	
02:00	15:00	27.9	30.4	23.6	34.0	
02:15	15:00	27.1	28.6	25.5	33.5	
02:30	15:00	25.0	26.3	23.3	31.1	
02:45	15:00	23.4	25.2	21.7	32.8	
03:00	15:00	44.8	34.7	23.1	68.7	
03:15	15:00	44.3	31.1	23.7	69.9	
03:30	15:00	27.6	29.6	25.7	34.2	
03:45	15:00	43.3	32.1	26.1	67.9	
04:00	15:00	28.7	30.3	26.5	34.6	
04:15	15:00	29.8	31.3	28.2	36.8	
04:30	15:00	45.4	33.9	30.5	71.2	
04:45	15:00	33.2	34.5	31.0	41.8	
05:00	15:00	41.4	45.4	34.2	54.2	
05:15	15:00	44.6	41.6	34.7	68.6	
05:30	15:00	55.2	42.0	34.6	79.7	
05:45	15:00	40.9	44.1	35.6	55.0	
06:00	15:00	52.5	48.1	36.3	72.1	
06:15	15:00	53.8	54.8	36.6	70.6	
06:30	15:00	57.9	50.5	36.6	83.7	
06:45	15:00	52.4	49.6	37.7	71.2	
Average 2300-0700		47.4	43.3	31.0	29-84	
Average 0700-2300		51.2	52.4	40.5	41-78	

Noise Survey Results

Date: Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 30

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP18 (Moor Road)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (17127)

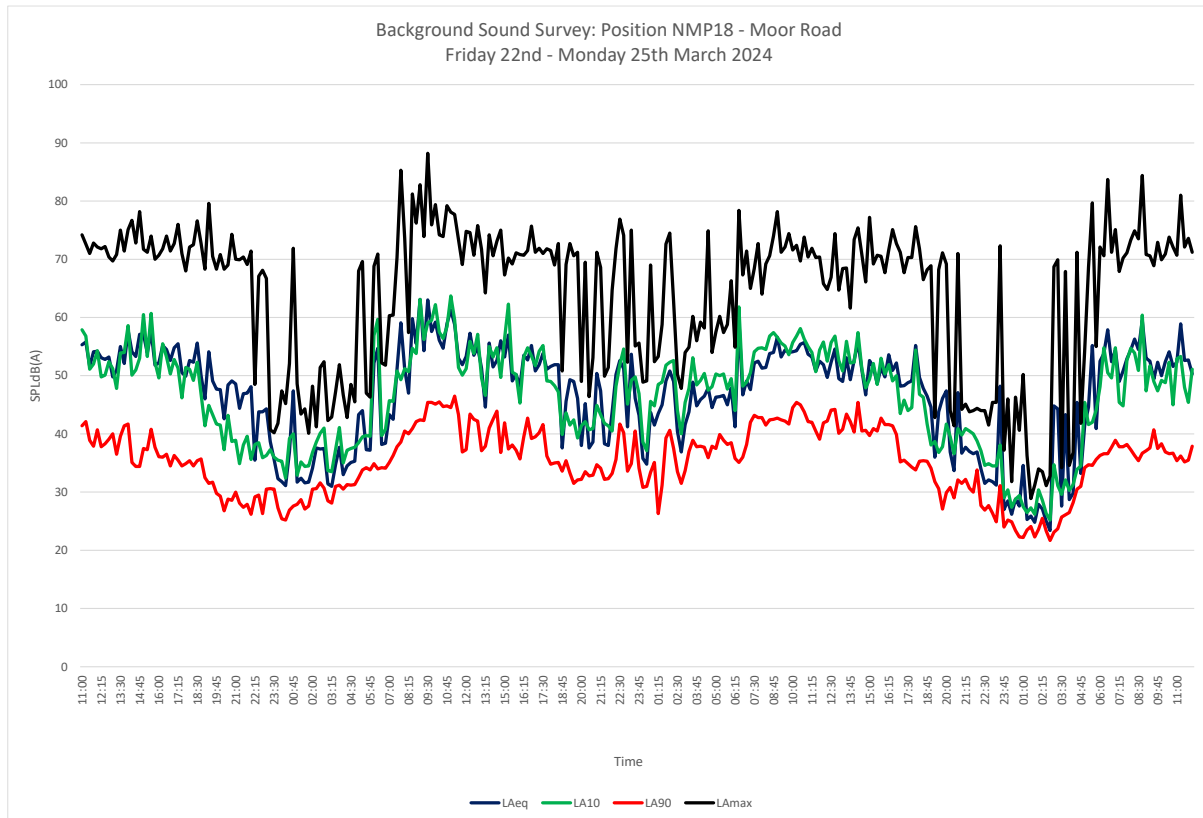
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	54.4	54.8	38.9	75.1	
07:15	15:00	49.0	45.4	37.8	67.9	
07:30	15:00	50.8	44.8	37.8	70.2	
07:45	15:00	52.9	52.6	38.2	71.1	
08:00	15:00	54.4	54.7	37.3	73.3	
08:15	15:00	56.3	53.9	36.3	74.9	
08:30	15:00	54.5	50.9	35.4	73.5	
08:45	15:00	59.5	60.4	36.7	84.4	
09:00	15:00	53.0	47.4	37.1	70.8	
09:15	15:00	52.5	51.7	37.6	70.6	
09:30	15:00	49.4	49.0	40.7	68.9	
09:45	15:00	52.3	47.4	37.5	72.9	
10:00	15:00	50.0	49.2	38.3	69.9	
10:15	15:00	52.4	48.8	36.9	70.9	
10:30	15:00	54.1	52.3	36.6	73.8	
10:45	15:00	51.6	45.0	36.7	72.1	
11:00	15:00	52.3	52.9	35.4	70.7	
11:15	15:00	58.9	53.3	36.2	81.0	
11:30	15:00	52.6	48.0	35.2	72.1	
11:45	15:00	52.7	45.4	35.5	73.6	
12:00	15:00	50.3	51.1	37.9	71.2	
12:15	15:00	57.8	60.3	39.5	71.8	
Average 0700-1230		54.2	53.3	37.4	68-84	

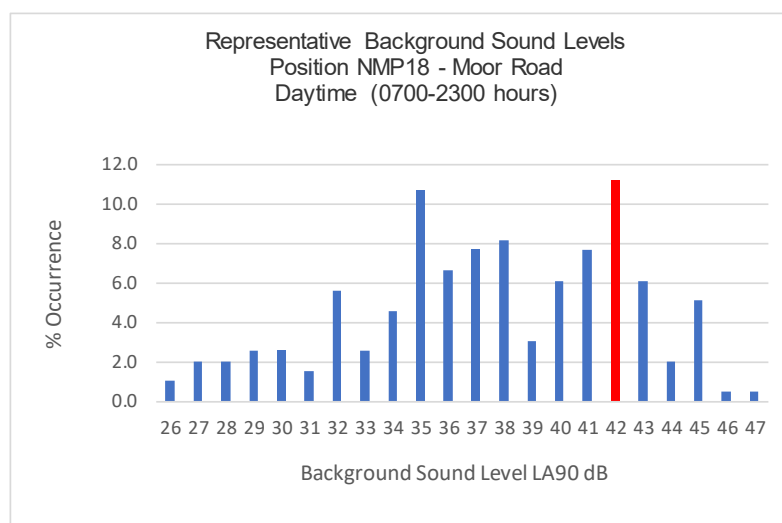
Overall Average	46.9	48.0	33.8	29-84	Excluding Rain
Overall Average	53.3	53.4	39.5	41-88	Excluding Rain

Average 0500-0700	51.4	52.4	36.1	46-84
--------------------------	-------------	-------------	-------------	--------------

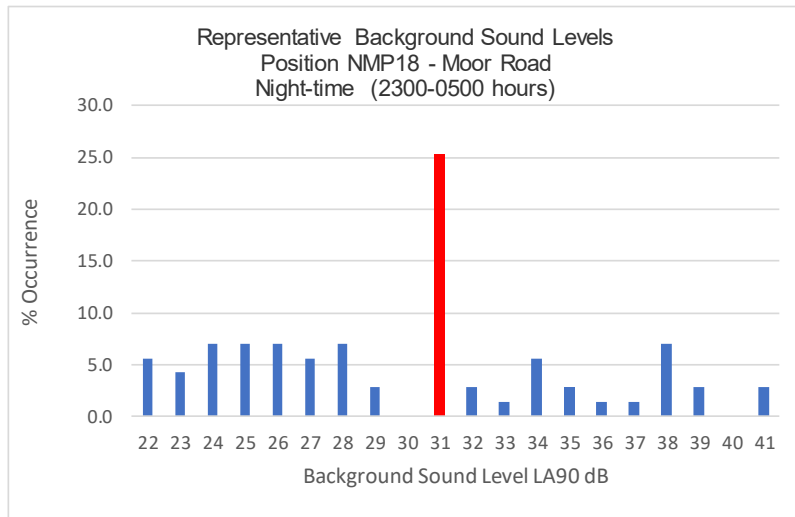
Average 2300-0500	42.8	44.2	32.7	29-75
--------------------------	-------------	-------------	-------------	--------------



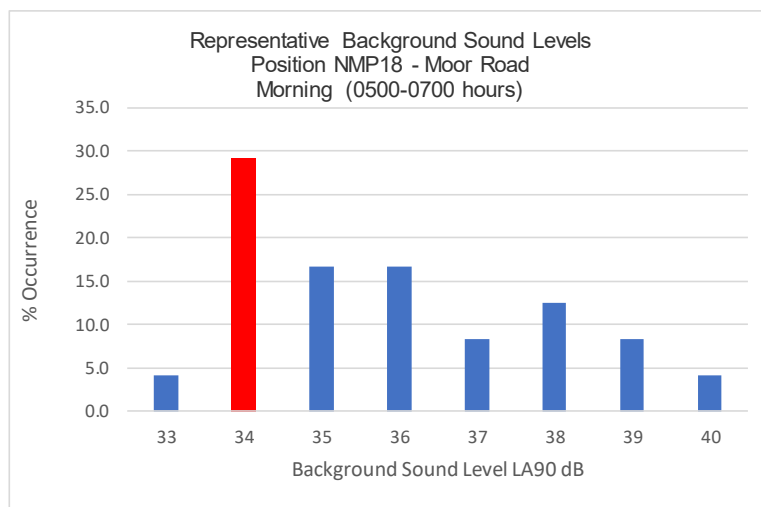
LA90	% Occurrence
26	1.0
27	2.0
28	2.0
29	2.6
30	2.6
31	1.5
32	5.6
33	2.6
34	4.6
35	10.7
36	6.6
37	7.7
38	8.2
39	3.1
40	6.1
41	7.7
42	11.2
43	6.1
44	2.0
45	5.1
46	0.5
47	0.5



LA90	% Occurrence
22	5.6
23	4.2
24	7.0
25	7.0
26	7.0
27	5.6
28	7.0
29	2.8
30	0.0
31	25.4
32	2.8
33	1.4
34	5.6
35	2.8
36	1.4
37	1.4
38	7.0
39	2.8
40	0.0
41	2.8



LA90	% Occurrence
33	4.2
34	29.2
35	16.7
36	16.7
37	8.3
38	12.5
39	8.3
40	4.2



2.20 NMP 19: Moor Road (South)

Noise Survey Results

Date: Friday 22nd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

TABLE 41

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:15	15:00	55.8	53.4	38.2	78.7	Occasional road traffic, birdsong
07:30	15:00	54.2	51.6	37.6	80.7	
07:45	15:00	50.1	49.0	37.6	76.1	
08:00	15:00	55.6	51.3	37.7	79.6	
08:15	15:00	51.2	49.7	38.4	74.7	
08:30	15:00	56.3	53.2	38.5	79.5	
08:45	15:00	53.7	49.9	36.9	77.9	
09:00	15:00	56.4	52.6	36.4	76.5	
09:15	15:00	53.0	52.3	38.2	77.3	
09:30	15:00	54.8	51.8	38.1	77.3	
09:45	15:00	57.4	60.5	37.2	78.0	
10:00	15:00	57.4	58.0	38.4	77.4	
10:15	15:00	50.6	47.7	39.5	76.1	
10:30	15:00	58.0	54.0	39.3	82.3	
10:45	15:00	53.2	49.3	38.7	76.9	
11:00	15:00	51.0	47.9	38.8	77.1	
11:15	15:00	55.6	50.4	38.1	78.0	
11:30	15:00	51.4	46.6	37.1	77.9	
11:45	15:00	55.2	51.9	37.0	76.1	
12:00	15:00	54.2	52.1	37.0	75.6	
12:15	15:00	53.1	47.9	36.7	76.8	
12:30	15:00	53.4	49.0	36.6	79.6	
12:45	15:00	53.2	47.0	36.7	76.4	
13:00	15:00	49.0	48.9	38.8	72.5	
13:15	15:00	52.0	48.0	35.5	76.5	
13:30	15:00	53.3	48.9	36.6	76.9	
13:45	15:00	51.5	49.8	39.3	75.4	
14:00	15:00	59.2	53.5	39.1	84.4	
14:15	15:00	52.5	46.2	36.2	76.6	
14:30	15:00	53.0	47.0	35.5	76.3	
14:45	15:00	54.8	49.5	35.7	76.6	
Average 0715-1500		54.5	52.1	37.7	73-84	

Noise Survey Results

Date: Friday 22nd March 2024

TABLE 42

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	58.7	56.2	36.3	78.8	
15:15	15:00	54.4	50.1	36.4	76.1	
15:30	15:00	58.6	55.9	39.3	78.7	
15:45	15:00	51.4	51.8	37.9	73.9	
16:00	15:00	53.6	49.9	36.7	76.7	
16:15	15:00	55.8	51.7	37.2	78.3	
16:30	15:00	55.5	53.7	36.4	77.7	
16:45	15:00	53.3	48.5	34.8	76.7	
17:00	15:00	56.8	52.0	36.1	79.6	
17:15	15:00	55.7	50.7	35.1	76.8	
17:30	15:00	52.4	44.4	35.3	81.5	
17:45	15:00	51.2	49.7	35.2	74.2	
18:00	15:00	54.1	51.4	35.4	77.4	
18:15	15:00	55.4	53.5	35.4	79.1	
18:30	15:00	59.0	50.0	35.7	86.8	
18:45	15:00	52.1	48.4	35.1	78.7	
19:00	15:00	49.3	42.1	34.2	77.4	
19:15	15:00	54.0	44.8	33.6	79.9	
19:30	15:00	52.2	43.9	33.9	76.9	
19:45	15:00	50.5	43.4	34.0	74.0	
20:00	15:00	50.8	41.4	33.9	77.8	
20:15	15:00	45.7	39.8	33.1	74.4	
20:30	15:00	50.8	47.6	33.6	73.5	
20:45	15:00	49.2	42.0	33.4	75.7	
21:00	15:00	48.8	42.0	34.2	76.0	
21:15	15:00	45.8	37.6	33.3	73.8	
21:30	15:00	48.2	40.3	33.4	73.5	
21:45	15:00	51.5	41.4	33.6	79.2	
22:00	15:00	49.9	40.9	33.7	76.3	
22:15	15:00	39.4	41.1	34.9	55.8	
22:30	15:00	44.6	39.9	34.2	71.0	
22:45	15:00	47.7	39.6	33.6	76.9	
Average 1500-2300		53.5	49.4	35.2	56-87	

Noise Survey Results

Date: Friday 22nd - Saturday 23rd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

TABLE 43

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	44.6	38.0	33.3	68.7	
23:15	15:00	35.2	36.3	33.7	49.1	
23:30	15:00	36.8	38.9	34.1	46.5	
23:45	15:00	36.9	38.9	34.1	47.6	
00:00	15:00	37.0	39.5	33.3	51.4	
00:15	15:00	36.7	38.4	33.3	53.1	
00:30	15:00	38.4	40.6	34.4	52.7	
00:45	15:00	46.7	44.7	34.8	73.0	
01:00	15:00	39.7	42.0	36.0	54.9	
01:15	15:00	40.0	42.4	36.2	53.8	
01:30	15:00	38.8	41.0	34.6	53.3	
01:45	15:00	38.5	40.6	35.3	50.8	
02:00	15:00	38.3	39.9	35.1	52.3	
02:15	15:00	40.2	43.0	35.6	53.7	
02:30	15:00	42.3	44.9	36.8	57.3	
02:45	15:00	40.9	43.6	36.4	53.8	
03:00	15:00	39.0	40.2	35.6	64.9	
03:15	15:00	38.9	40.9	35.6	48.2	
03:30	15:00	41.8	44.6	37.3	54.7	
03:45	15:00	43.0	45.9	37.6	55.3	
04:00	15:00	39.6	41.5	36.7	50.3	
04:15	15:00	41.2	43.2	37.4	53.6	
04:30	15:00	40.5	42.9	36.7	53.8	
04:45	15:00	39.9	41.5	36.2	65.1	
05:00	15:00	59.4	54.1	37.9	79.1	
05:15	15:00	52.7	53.1	39.7	75.4	
05:30	15:00	47.0	50.8	40.4	59.2	
05:45	15:00	49.7	51.0	40.0	75.1	
06:00	15:00	47.5	51.3	40.7	59.3	
06:15	15:00	49.3	50.8	39.2	70.9	
06:30	15:00	47.2	51.4	39.1	63.5	
06:45	15:00	44.2	47.2	38.3	58.4	
Average 2300-0700		47.2	46.8	36.9	47-79	
Average 0715-2300		54.0	50.9	36.6	56-87	

Noise Survey Results

Date: Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 44

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	45.0	48.5	39.4	58.7	
07:15	15:00	48.8	52.1	43.0	63.7	
07:30	15:00	54.5	53.3	43.6	78.3	
07:45	15:00	53.8	55.7	44.0	75.0	
08:00	15:00	53.2	56.0	45.4	75.2	
08:15	15:00	53.3	56.4	42.7	71.8	
08:30	15:00	57.3	59.4	47.8	76.8	
08:45	15:00	56.2	57.7	46.0	78.0	
09:00	15:00	56.2	57.3	47.9	79.7	
09:15	15:00	54.8	57.2	46.4	75.7	
09:30	15:00	56.8	59.4	48.6	76.6	
09:45	15:00	59.2	60.7	47.9	78.5	
10:00	15:00	55.0	58.0	46.4	73.5	
10:15	15:00	57.0	59.3	47.7	78.8	
10:30	15:00	54.9	57.0	47.1	75.4	
10:45	15:00	60.0	60.0	48.6	83.4	
11:00	15:00	59.1	61.8	49.6	75.0	
11:15	15:00	56.5	59.3	47.5	76.7	
11:30	15:00	52.4	53.8	42.2	76.2	
11:45	15:00	52.5	50.2	40.4	73.9	
12:00	15:00	54.0	51.3	40.2	80.1	
12:15	15:00	57.7	55.7	43.5	79.1	
12:30	15:00	53.4	52.9	40.5	75.2	
12:45	15:00	50.7	51.7	43.1	74.2	
13:00	15:00	52.8	51.2	40.3	78.2	
13:15	15:00	50.8	53.5	43.5	67.0	
13:30	15:00	55.3	54.9	43.3	80.0	
13:45	15:00	54.1	56.9	41.0	74.9	
14:00	15:00	52.0	53.2	42.7	74.9	
14:15	15:00	54.5	58.0	40.2	74.4	Rain
14:30	15:00	57.7	61.6	38.3	78.4	Rain
14:45	15:00	57.2	51.1	37.2	80.7	
Average 0700-1500		55.4	56.7	45.3	59-83	Excluding Rain

Noise Survey Results

Date: Saturday 23rd March 2024

TABLE 45

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	50.7	50.9	41.6	72.0	
15:15	15:00	48.3	48.4	38.9	71.7	
15:30	15:00	51.5	51.0	38.0	78.1	
15:45	15:00	49.6	49.1	40.5	72.3	
16:00	15:00	49.8	47.8	37.0	75.6	
16:15	15:00	53.1	49.9	39.5	76.7	
16:30	15:00	52.3	53.0	41.3	75.2	
16:45	15:00	48.8	47.6	39.2	74.7	
17:00	15:00	51.1	49.7	39.5	76.2	
17:15	15:00	52.6	52.3	40.2	76.8	
17:30	15:00	52.4	51.0	42.2	76.5	
17:45	15:00	52.4	48.7	40.2	75.9	
18:00	15:00	50.9	49.9	38.0	73.8	
18:15	15:00	53.2	51.9	38.8	74.2	
18:30	15:00	53.8	51.2	38.5	79.1	
18:45	15:00	45.4	48.3	39.9	65.5	
19:00	15:00	52.8	51.2	42.6	78.9	
19:15	15:00	49.0	48.4	39.4	72.4	
19:30	15:00	51.0	47.1	37.4	76.3	
19:45	15:00	47.5	46.1	39.2	74.2	
20:00	15:00	45.2	48.0	39.9	58.2	
20:15	15:00	48.2	48.2	38.5	74.7	
20:30	15:00	47.3	50.0	40.3	61.9	
20:45	15:00	43.7	46.8	37.5	60.0	
21:00	15:00	49.7	47.1	37.4	74.4	
21:15	15:00	48.1	48.3	37.7	70.2	
21:30	15:00	42.1	44.3	36.3	60.4	
21:45	15:00	41.9	44.9	37.3	53.2	
22:00	15:00	46.4	44.6	38.4	75.6	
22:15	15:00	50.0	49.7	39.1	75.9	
22:30	15:00	51.7	55.0	44.1	66.9	
22:45	15:00	49.2	52.6	41.3	64.3	
Average 1500-2300		50.2	49.8	39.7	53-79	

Noise Survey Results

Date: Saturday 23rd - Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**
 Instrumentation: Cirrus 171A Real Time Analyser (G061253)
 Calibration: 94dB

TABLE 46

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	43.2	45.9	38.7	54.8	Rain
23:15	15:00	54.0	52.6	41.8	80.7	
23:30	15:00	51.4	52.6	43.8	74.6	
23:45	15:00	46.3	49.3	39.4	62.5	
00:00	15:00	42.1	45.2	36.7	56.0	
00:15	15:00	42.0	44.6	37.5	58.1	
00:30	15:00	46.1	49.2	40.3	59.6	
00:45	15:00	43.6	46.1	37.9	57.3	
01:00	15:00	43.8	46.8	37.5	57.0	
01:15	15:00	39.0	43.8	32.9	53.5	
01:30	15:00	43.1	46.2	35.9	57.0	
01:45	15:00	47.9	50.7	42.0	62.0	
02:00	15:00	44.8	47.2	41.2	57.7	
02:15	15:00	46.2	50.7	37.9	58.7	
02:30	15:00	37.9	39.8	35.5	48.5	
02:45	15:00	39.3	41.4	35.5	55.1	
03:00	15:00	43.9	46.1	37.6	60.8	
03:15	15:00	43.8	46.0	39.0	62.8	
03:30	15:00	45.0	47.8	40.4	57.0	
03:45	15:00	45.7	48.8	40.7	57.7	
04:00	15:00	43.2	45.4	39.7	57.0	
04:15	15:00	43.0	45.5	39.0	55.7	
04:30	15:00	42.4	44.7	38.1	58.8	
04:45	15:00	42.0	43.9	39.1	53.6	
05:00	15:00	44.5	47.4	39.0	59.3	
05:15	15:00	52.8	54.8	43.2	75.3	
05:30	15:00	47.8	51.7	40.1	64.9	
05:45	15:00	49.6	53.0	40.4	66.3	
06:00	15:00	48.4	51.9	39.1	67.9	
06:15	15:00	45.9	49.5	38.6	60.9	
06:30	15:00	45.7	49.4	37.1	64.1	
06:45	15:00	50.0	47.6	36.8	76.8	
Average 2300-0700		46.8	48.9	39.4	49-81	Excluding Rain
Average 0700-2300		54.7	51.9	39.7	53-83	Excluding Rain

Noise Survey Results

Date: Sunday 24th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 47

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	44.9	45.1	37.4	75.3	
07:15	15:00	44.5	47.3	40.4	56.1	
07:30	15:00	51.1	48.3	40.2	77.0	
07:45	15:00	51.8	48.7	40.9	80.5	
08:00	15:00	48.5	49.8	40.8	75.6	
08:15	15:00	50.0	51.3	40.1	76.7	
08:30	15:00	51.5	51.2	42.3	76.4	
08:45	15:00	48.8	50.6	41.6	74.1	
09:00	15:00	52.4	49.9	39.7	76.3	
09:15	15:00	51.2	49.0	39.3	74.1	
09:30	15:00	52.0	49.5	38.7	76.3	
09:45	15:00	53.2	48.8	39.3	79.0	
10:00	15:00	52.7	48.8	38.9	77.7	
10:15	15:00	48.5	48.7	42.6	74.7	
10:30	15:00	54.0	51.5	40.1	75.7	
10:45	15:00	52.3	48.8	38.7	77.2	
11:00	15:00	52.5	49.0	38.8	73.8	
11:15	15:00	50.2	46.5	38.2	75.6	
11:30	15:00	51.0	48.0	38.8	76.2	
11:45	15:00	51.4	48.6	39.4	75.4	
12:00	15:00	47.2	47.1	38.0	73.4	
12:15	15:00	48.7	49.9	40.6	71.3	
12:30	15:00	52.9	53.3	43.0	75.4	
12:45	15:00	51.2	51.6	38.8	73.4	
13:00	15:00	50.0	46.0	36.6	74.0	
13:15	15:00	47.7	46.8	38.1	74.4	
13:30	15:00	52.4	53.7	40.9	72.8	
13:45	15:00	47.4	49.2	37.4	70.4	
14:00	15:00	53.0	49.1	37.5	76.6	
14:15	15:00	54.0	52.3	40.1	76.3	
14:30	15:00	51.9	51.3	36.4	77.1	
14:45	15:00	45.8	45.4	37.5	71.4	
Average 0700-1500		51.0	49.7	39.7	56-81	

Noise Survey Results

Date: Sunday 24th March 2024

TABLE 48

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	50.7	48.3	35.5	77.4	
15:15	15:00	51.8	46.3	37.7	75.7	
15:30	15:00	50.7	45.1	35.3	77.8	
15:45	15:00	47.1	46.7	37.4	72.2	
16:00	15:00	50.4	43.8	35.7	76.7	
16:15	15:00	52.8	45.4	36.4	79.1	
16:30	15:00	50.8	46.5	34.8	77.1	
16:45	15:00	50.0	47.1	33.9	74.6	
17:00	15:00	48.3	42.7	33.1	75.7	
17:15	15:00	48.0	44.4	33.3	74.4	
17:30	15:00	48.8	45.5	33.8	72.3	
17:45	15:00	47.9	45.9	32.7	72.3	
18:00	15:00	54.9	51.0	33.0	80.7	
18:15	15:00	50.7	42.7	33.2	76.2	
18:30	15:00	47.6	44.9	33.9	73.8	
18:45	15:00	47.8	41.9	33.4	75.1	
19:00	15:00	46.7	35.5	32.6	74.4	
19:15	15:00	34.7	36.2	32.8	53.0	
19:30	15:00	46.0	37.7	33.2	74.2	
19:45	15:00	32.9	34.2	31.4	40.4	
20:00	15:00	44.4	34.8	31.7	71.7	
20:15	15:00	33.4	34.4	31.9	49.5	
20:30	15:00	45.8	34.4	31.5	75.2	
20:45	15:00	45.0	36.1	32.1	72.2	
21:00	15:00	34.3	35.7	32.4	41.9	
21:15	15:00	33.5	34.6	32.0	38.7	
21:30	15:00	34.2	36.1	31.9	42.9	
21:45	15:00	34.5	36.4	32.3	42.1	
22:00	15:00	34.7	36.4	32.6	49.7	
22:15	15:00	33.5	35.3	31.3	51.6	
22:30	15:00	32.6	34.2	31.3	38.5	
22:45	15:00	32.3	32.9	31.4	41.3	
Average 1500-2300		47.9	43.4	33.6	39-81	

Noise Survey Results

Date: Sunday 24th - Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 49

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	31.7	32.1	30.9	41.4	
23:15	15:00	32.3	33.2	30.9	44.7	
23:30	15:00	51.7	39.8	31.0	79.1	
23:45	15:00	38.0	33.4	31.0	66.7	
00:00	15:00	31.4	31.8	30.8	39.0	
00:15	15:00	31.3	31.6	30.8	33.7	
00:30	15:00	32.7	32.1	30.7	51.5	
00:45	15:00	33.6	34.3	30.7	59.0	
01:00	15:00	38.6	32.5	30.8	58.6	
01:15	15:00	31.2	31.7	30.6	38.2	
01:30	15:00	31.1	31.4	30.5	44.7	
01:45	15:00	31.1	31.6	30.5	44.2	
02:00	15:00	32.1	32.9	30.7	53.7	
02:15	15:00	31.7	32.2	31.0	41.8	
02:30	15:00	31.2	31.4	30.6	46.4	
02:45	15:00	31.0	31.3	30.5	45.7	
03:00	15:00	50.9	44.7	30.6	76.8	
03:15	15:00	47.4	32.5	30.5	76.0	
03:30	15:00	31.5	32.0	30.7	46.8	
03:45	15:00	45.4	34.4	30.8	72.5	
04:00	15:00	32.7	32.4	30.9	58.0	
04:15	15:00	33.1	33.1	31.1	56.8	
04:30	15:00	48.7	34.6	31.8	77.9	
04:45	15:00	34.8	34.6	31.9	57.8	
05:00	15:00	49.8	50.8	33.6	76.5	
05:15	15:00	53.1	57.1	35.9	71.5	
05:30	15:00	54.8	54.5	35.0	71.7	
05:45	15:00	48.9	50.6	36.5	69.3	
06:00	15:00	55.0	53.1	35.6	75.8	
06:15	15:00	56.4	53.9	35.6	77.9	
06:30	15:00	54.6	51.6	36.3	76.8	
06:45	15:00	54.6	50.4	36.5	78.6	
Average 2300-0700		48.9	47.5	32.6	34-79	
Average 0700-2300		49.7	47.6	37.6	39-81	

Noise Survey Results

Date: Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 50

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP19 - Moor Road (south)**

Instrumentation: Cirrus 171A Real Time Analyser (G061253)

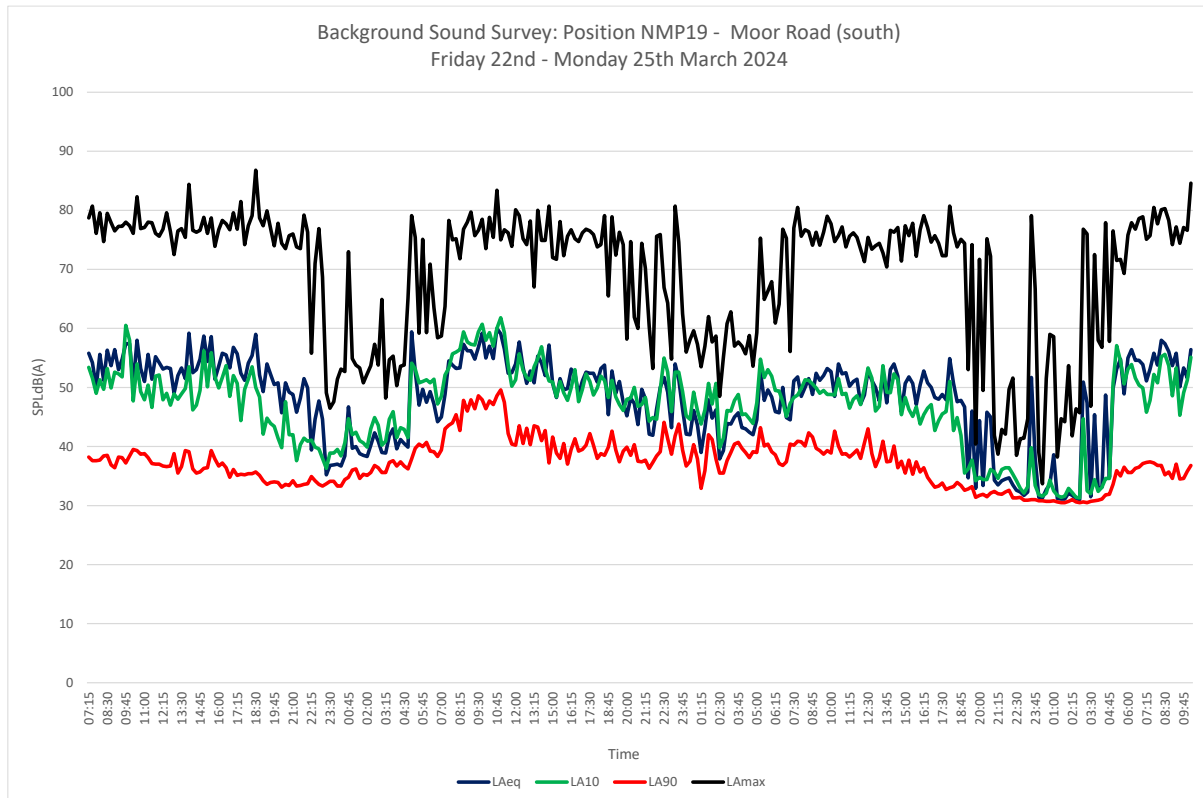
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	53.9	49.9	37.1	78.9	
07:15	15:00	51.1	45.8	37.3	75.1	
07:30	15:00	53.1	47.8	37.4	75.7	
07:45	15:00	55.8	52.2	37.2	80.5	
08:00	15:00	53.8	50.8	36.8	77.7	
08:15	15:00	58.0	55.2	36.8	80.1	
08:30	15:00	57.4	55.6	35.2	80.3	
08:45	15:00	56.1	53.7	35.7	78.3	
09:00	15:00	53.7	48.6	34.6	74.2	
09:15	15:00	55.8	53.3	37.0	77.2	
09:30	15:00	50.1	45.3	34.5	74.4	
09:45	15:00	53.3	49.1	34.6	77.1	
10:00	15:00	51.6	51.2	35.8	76.6	
10:15	15:00	56.4	55.1	36.8	84.6	
Average 0700-1015		54.8	52.0	36.3	74-85	

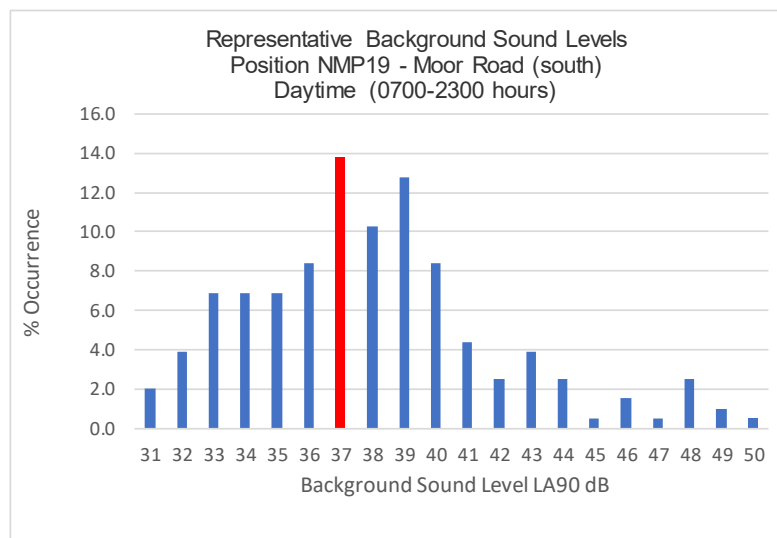
Overall Average	47.7	47.8	37.1	34-81	Excluding Rain
Overall Average	52.9	51.8	40.0	39-87	Excluding Rain

Average 0500-0700	52.2	52.1	38.6	59-79
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	43.7	44.1	36.4	34-81
--------------------------	-------------	-------------	-------------	--------------

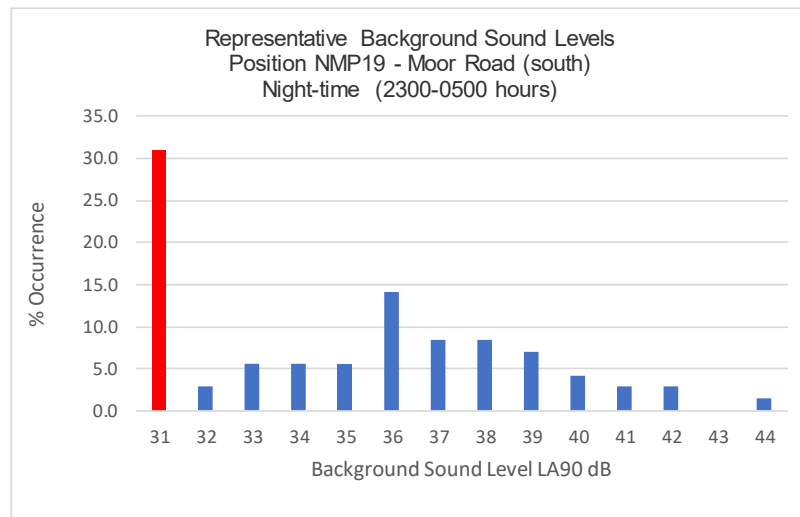


LA90	% Occurrence
31	2.0
32	3.9
33	6.9
34	6.9
35	6.9
36	8.4
37	13.8
38	10.3
39	12.8
40	8.4
41	4.4
42	2.5
43	3.9
44	2.5
45	0.5
46	1.5
47	0.5
48	2.5
49	1.0
50	0.5

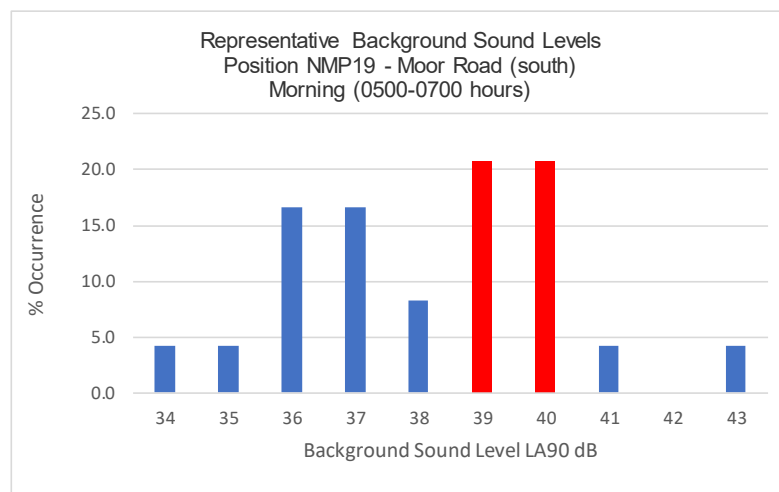


LA90 % Occurrence

31	31.0
32	2.8
33	5.6
34	5.6
35	5.6
36	14.1
37	8.5
38	8.5
39	7.0
40	4.2
41	2.8
42	2.8
43	0.0
44	1.4


LA90 % Occurrence

34	4.2
35	4.2
36	16.7
37	16.7
38	8.3
39	20.8
40	20.8
41	4.2
42	0.0
43	4.2



2.21 NMP 20: Kimbolton Road

Noise Survey Results

Date: Friday 22nd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 51

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**

Instrumentation: Cirrus 1710 Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
09:00	15:00	58.7	59.7	48.9	74.6	Local road traffic noise & birdsong
09:15	15:00	55.1	58.2	47.4	72.6	
09:30	15:00	55.6	59.0	48.5	66.9	
09:45	15:00	57.3	60.3	50.4	74.2	
10:00	15:00	55.7	59.3	48.7	72.5	
10:15	15:00	56.5	60.0	49.3	71.8	
10:30	15:00	56.4	59.7	48.1	66.3	
10:45	15:00	56.6	59.8	49.8	72.5	
11:00	15:00	56.8	60.2	49.2	69.3	
11:15	15:00	57.0	59.8	49.1	73.1	
11:30	15:00	56.6	59.8	48.2	70.3	
11:45	15:00	56.8	60.2	48.7	72.1	
12:00	15:00	57.0	60.6	48.4	74.0	
12:15	15:00	56.0	59.6	44.7	72.2	
12:30	15:00	56.6	59.9	49.1	67.0	
12:45	15:00	55.7	59.0	48.8	66.1	
13:00	15:00	55.9	59.1	48.3	72.8	
13:15	15:00	55.4	58.5	46.2	68.3	
13:30	15:00	55.3	58.9	47.5	66.8	
13:45	15:00	55.5	58.9	47.0	66.7	
14:00	15:00	57.1	59.5	50.2	77.5	
14:15	15:00	56.3	60.2	46.0	71.4	
14:30	15:00	54.5	58.1	45.7	67.7	
14:45	15:00	57.2	58.3	47.2	77.8	
Average 0900-1500		56.4	59.4	48.3	66-78	

Noise Survey Results

Date: Friday 22nd March 2024

TABLE 52

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**

Instrumentation: Cirrus 1710 Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	57.6	60.2	49.5	73.8	
15:15	15:00	57.0	60.1	50.3	70.4	
15:30	15:00	57.7	60.7	49.8	72.9	
15:45	15:00	58.1	61.8	50.1	69.3	
16:00	15:00	59.4	61.9	51.7	77.1	
16:15	15:00	56.4	59.2	50.7	71.5	
16:30	15:00	57.5	60.7	50.4	67.7	
16:45	15:00	56.2	59.0	51.1	71.8	
17:00	15:00	57.6	60.4	50.5	71.8	
17:15	15:00	58.2	61.2	50.1	70.0	
17:30	15:00	57.7	61.1	47.9	70.4	
17:45	15:00	57.9	61.2	49.6	73.1	
18:00	15:00	58.5	61.8	48.8	76.7	
18:15	15:00	57.3	60.8	49.1	68.0	
18:30	15:00	56.7	60.4	45.5	68.6	
18:45	15:00	56.4	59.4	49.5	66.2	
19:00	15:00	55.7	59.5	46.4	67.8	
19:15	15:00	57.1	59.2	44.6	78.7	
19:30	15:00	55.5	59.2	41.8	70.9	
19:45	15:00	53.9	57.4	43.5	67.1	
20:00	15:00	54.3	58.3	43.8	67.9	
20:15	15:00	51.4	55.2	33.3	71.2	
20:30	15:00	51.3	54.7	29.2	71.5	
20:45	15:00	50.7	54.8	35.4	64.8	
21:00	15:00	50.9	54.5	37.4	63.5	
21:15	15:00	49.6	53.9	33.9	63.1	
21:30	15:00	51.0	55.6	35.6	62.5	
21:45	15:00	51.5	55.4	39.8	64.1	
22:00	15:00	48.8	52.7	30.1	67.7	
22:15	15:00	49.6	53.7	33.5	63.1	
22:30	15:00	48.9	53.0	37.3	61.5	
22:45	15:00	45.5	49.3	31.0	63.7	
Average 1500-2300		55.7	59.0	47.3	62-79	

Noise Survey Results

Date: Friday 22nd - Saturday 23rd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**
 Instrumentation: Cirrus 1710 Real Time Analyser (G304789)
 Calibration: 94dB

TABLE 53

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	48.0	52.2	29.3	62.5	
23:15	15:00	48.6	52.4	31.8	66.5	
23:30	15:00	49.3	53.5	30.1	64.0	
23:45	15:00	46.3	49.9	30.7	63.2	
00:00	15:00	44.4	47.1	30.1	60.9	
00:15	15:00	41.0	44.3	26.9	56.6	
00:30	15:00	45.4	49.9	29.9	59.2	
00:45	15:00	47.6	50.8	31.7	63.9	
01:00	15:00	42.0	46.0	30.7	57.1	
01:15	15:00	39.7	43.4	30.6	55.5	
01:30	15:00	45.4	47.6	34.2	66.0	
01:45	15:00	45.2	48.4	32.6	62.8	
02:00	15:00	41.2	44.9	32.0	56.5	
02:15	15:00	42.1	46.2	32.6	55.4	
02:30	15:00	46.4	49.9	35.0	63.8	
02:45	15:00	43.7	47.4	35.2	59.5	
03:00	15:00	42.5	46.1	34.5	54.7	
03:15	15:00	45.2	48.2	34.0	62.3	
03:30	15:00	46.1	49.8	35.9	60.5	
03:45	15:00	46.8	50.4	37.3	60.6	
04:00	15:00	45.8	49.4	36.4	60.6	
04:15	15:00	46.3	49.9	38.0	59.7	
04:30	15:00	46.2	49.6	36.4	60.6	
04:45	15:00	44.8	47.2	35.7	63.2	
05:00	15:00	46.1	49.5	38.2	58.8	
05:15	15:00	49.0	52.1	41.2	62.8	
05:30	15:00	49.5	52.8	42.1	61.7	
05:45	15:00	48.4	51.6	39.7	62.5	
06:00	15:00	46.8	50.6	39.4	59.6	
06:15	15:00	48.9	51.8	39.5	63.5	
06:30	15:00	49.7	53.2	40.0	64.1	
06:45	15:00	49.0	52.2	39.9	68.6	
Average 2300-0700		46.5	50.0	36.4	55-69	
Average 0900-2300		56.0	59.2	47.7	62-79	

Noise Survey Results

Date: Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 54

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**

Instrumentation: Cirrus 1710 Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	51.0	54.7	42.7	63.0	
07:15	15:00	53.3	57.0	44.9	64.3	
07:30	15:00	56.2	59.8	47.9	69.3	
07:45	15:00	58.4	61.5	50.6	70.8	
08:00	15:00	58.7	61.9	50.9	71.2	
08:15	15:00	59.7	63.1	51.7	71.6	
08:30	15:00	60.1	63.2	52.7	76.7	
08:45	15:00	61.8	65.3	54.7	75.4	
09:00	15:00	61.7	65.1	54.3	74.9	
09:15	15:00	61.9	64.5	54.4	81.0	
09:30	15:00	62.5	66.1	54.7	73.7	
09:45	15:00	63.1	66.1	55.8	78.5	
10:00	15:00	63.4	66.7	55.9	83.6	
10:15	15:00	61.0	64.1	53.2	73.3	
10:30	15:00	64.4	67.3	57.2	82.1	
10:45	15:00	64.3	67.8	56.6	82.3	
11:00	15:00	71.8	75.4	57.9	88.3	
11:15	15:00	63.8	66.9	55.7	79.2	
11:30	15:00	62.4	64.0	53.8	82.5	
11:45	15:00	57.8	60.9	50.9	72.5	
12:00	15:00	57.3	59.8	52.5	74.3	
12:15	15:00	62.5	65.9	54.7	80.2	
12:30	15:00	58.7	62.1	51.5	71.8	
12:45	15:00	62.5	66.3	53.6	76.7	
13:00	15:00	57.0	60.0	50.1	68.8	
13:15	15:00	57.4	60.7	50.6	70.3	
13:30	15:00	61.2	64.5	53.3	76.2	
13:45	15:00	60.0	63.3	53.2	73.2	
14:00	15:00	59.9	63.1	53.2	72.5	
14:15	15:00	61.4	64.8	51.9	76.4	Rain
14:30	15:00	67.1	71.1	52.4	84.1	Rain
14:45	15:00	55.8	59.4	48.4	67.0	
Average 0700-1500		62.2	65.6	53.6	63-88	Excluding Rain

Noise Survey Results

Date: Saturday 23rd March 2024

TABLE 55

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**

Instrumentation: Cirrus 1710 Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	60.7	63.8	51.6	75.8	
15:15	15:00	61.4	64.1	52.3	81.1	
15:30	15:00	58.6	61.6	51.0	80.7	
15:45	15:00	59.6	62.2	51.8	83.9	
16:00	15:00	56.4	59.9	49.0	69.9	
16:15	15:00	57.7	60.9	50.4	69.9	
16:30	15:00	58.7	62.3	50.2	70.8	
16:45	15:00	60.3	63.8	51.3	76.7	
17:00	15:00	59.9	61.9	50.1	83.6	
17:15	15:00	62.4	64.0	52.5	87.9	
17:30	15:00	58.4	62.0	50.1	70.2	
17:45	15:00	57.5	60.9	49.0	67.8	
18:00	15:00	56.8	60.1	49.3	67.1	
18:15	15:00	57.5	61.3	48.5	72.2	
18:30	15:00	57.2	60.2	48.9	75.4	
18:45	15:00	57.7	60.4	46.7	76.1	
19:00	15:00	56.1	59.6	47.6	70.2	
19:15	15:00	53.8	57.1	46.4	67.0	
19:30	15:00	52.4	55.7	44.8	66.2	
19:45	15:00	52.0	55.0	44.5	65.9	
20:00	15:00	52.8	56.2	43.9	65.9	
20:15	15:00	53.5	57.6	44.4	65.1	
20:30	15:00	55.1	58.6	46.6	69.1	
20:45	15:00	54.5	58.4	44.7	68.6	
21:00	15:00	53.9	57.4	44.3	66.3	
21:15	15:00	52.1	55.9	42.1	64.1	
21:30	15:00	52.3	56.4	40.5	67.0	
21:45	15:00	51.6	55.3	42.9	64.0	
22:00	15:00	51.6	55.1	42.8	64.4	
22:15	15:00	54.7	58.5	44.4	66.8	
22:30	15:00	57.9	61.6	48.7	72.0	
22:45	15:00	59.1	63.0	49.8	74.7	
Average 1500-2300		57.4	60.5	48.6	64-88	

Noise Survey Results

Date: Saturday 23rd - Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**
 Instrumentation: Cirrus 1710 Real Time Analyser (G304789)
 Calibration: 94dB

TABLE 56

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	54.0	57.9	44.5	66.4	Rain
23:15	15:00	54.4	58.2	45.1	66.6	
23:30	15:00	57.0	60.8	47.3	69.9	
23:45	15:00	55.1	58.7	44.9	69.6	
00:00	15:00	50.2	53.8	39.7	70.8	
00:15	15:00	50.5	54.1	40.8	71.3	
00:30	15:00	53.0	56.4	41.7	67.3	
00:45	15:00	54.1	57.8	43.9	73.9	
01:00	15:00	51.5	55.0	42.1	68.6	
01:15	15:00	57.2	61.3	41.0	74.2	
01:30	15:00	47.6	51.6	36.0	61.9	
01:45	15:00	60.5	64.3	45.8	76.5	
02:00	15:00	60.0	63.8	48.0	76.0	
02:15	15:00	57.1	60.5	46.8	75.5	
02:30	15:00	51.5	55.0	40.4	69.0	
02:45	15:00	50.1	53.7	38.7	67.3	
03:00	15:00	51.1	54.6	39.7	67.6	
03:15	15:00	55.9	59.8	44.4	70.1	
03:30	15:00	56.0	59.8	44.9	74.5	
03:45	15:00	54.6	58.6	44.1	67.5	
04:00	15:00	53.7	57.5	43.3	67.2	
04:15	15:00	54.3	58.5	43.3	69.2	
04:30	15:00	51.5	55.3	41.8	67.3	
04:45	15:00	51.6	55.4	39.4	68.4	
05:00	15:00	53.4	57.3	40.5	70.4	
05:15	15:00	55.5	59.8	43.5	70.5	
05:30	15:00	54.5	58.1	44.7	68.5	
05:45	15:00	50.2	54.4	39.3	65.0	
06:00	15:00	51.7	55.3	39.4	65.3	
06:15	15:00	50.9	54.8	36.6	65.7	
06:30	15:00	49.7	53.5	38.5	66.8	
06:45	15:00	50.8	54.6	40.6	63.5	
Average 2300-0700		54.5	58.3	43.2	62-77	Excluding Rain
Average 0700-2300		57.8	61.6	49.1	63-88	Excluding Rain

Noise Survey Results

Date: Sunday 24th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 57

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**

Instrumentation: Cirrus 1710 Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	53.9	57.6	42.9	67.4	
07:15	15:00	55.8	60.2	42.4	68.8	
07:30	15:00	56.8	61.0	45.7	67.8	
07:45	15:00	56.9	60.7	47.1	71.6	
08:00	15:00	58.5	61.9	45.9	75.1	
08:15	15:00	63.8	64.9	49.4	86.1	
08:30	15:00	58.8	62.7	48.1	76.1	
08:45	15:00	59.3	63.0	49.4	76.0	
09:00	15:00	59.4	63.2	49.1	74.5	
09:15	15:00	58.1	61.5	49.1	72.6	
09:30	15:00	58.0	61.2	50.6	67.9	
09:45	15:00	56.7	60.2	47.6	75.3	
10:00	15:00	57.0	60.9	48.4	68.0	
10:15	15:00	59.5	62.6	51.1	75.7	
10:30	15:00	59.5	63.0	50.8	72.8	
10:45	15:00	58.2	61.5	49.7	72.2	
11:00	15:00	57.9	61.6	49.4	69.4	
11:15	15:00	58.2	61.5	50.1	71.7	
11:30	15:00	59.7	61.8	49.7	80.7	
11:45	15:00	57.9	61.3	50.3	70.0	
12:00	15:00	57.9	60.9	49.6	73.4	
12:15	15:00	58.2	60.0	48.3	80.9	
12:30	15:00	58.8	61.8	50.9	73.4	
12:45	15:00	60.0	63.1	51.7	73.9	
13:00	15:00	57.5	60.9	49.9	71.1	
13:15	15:00	57.4	60.5	49.7	71.7	
13:30	15:00	58.7	61.7	51.3	72.4	
13:45	15:00	57.6	60.7	51.3	69.2	
14:00	15:00	61.7	61.1	47.0	85.1	
14:15	15:00	62.5	63.1	51.7	88.7	
14:30	15:00	59.7	61.6	51.6	78.6	
14:45	15:00	58.2	60.6	48.9	78.1	
Average 0700-1500		58.9	61.6	49.4	67-89	

Noise Survey Results

Date: Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**
 Instrumentation: Cirrus 1710 Real Time Analyser (G304789)
 Calibration: 94dB

TABLE 58

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	57.5	59.6	49.3	79.0	
15:15	15:00	62.6	63.2	48.6	82.2	
15:30	15:00	58.8	59.8	47.7	86.4	
15:45	15:00	60.8	62.3	49.9	79.6	
16:00	15:00	57.2	59.6	46.6	79.3	
16:15	15:00	58.0	60.4	47.4	81.0	
16:30	15:00	55.1	59.0	45.0	70.7	
16:45	15:00	54.8	58.8	44.6	66.8	
17:00	15:00	57.3	59.7	42.5	75.0	
17:15	15:00	58.3	59.6	44.1	85.2	
17:30	15:00	56.1	59.3	46.4	74.9	
17:45	15:00	54.7	58.3	41.0	67.3	
18:00	15:00	54.9	59.3	39.8	66.6	
18:15	15:00	55.4	59.6	43.4	65.0	
18:30	15:00	55.9	59.4	45.1	84.9	
18:45	15:00	54.6	58.0	45.2	67.9	
19:00	15:00	55.4	59.2	43.5	65.9	
19:15	15:00	54.4	58.5	41.3	66.9	
19:30	15:00	53.8	58.0	41.8	66.2	
19:45	15:00	52.2	56.2	33.8	64.2	
20:00	15:00	54.4	58.7	41.1	64.7	
20:15	15:00	55.3	59.5	42.8	67.3	
20:30	15:00	53.0	57.7	32.9	64.7	
20:45	15:00	53.5	57.9	32.8	67.1	
21:00	15:00	53.1	57.5	33.4	66.4	
21:15	15:00	52.5	56.4	33.8	67.0	
21:30	15:00	48.8	52.6	32.7	64.6	
21:45	15:00	52.1	56.7	33.9	64.6	
22:00	15:00	54.6	58.3	44.3	63.6	
22:15	15:00	49.4	53.3	36.4	61.7	
22:30	15:00	46.7	51.5	31.1	62.7	
22:45	15:00	48.3	52.7	32.0	61.1	
Average 1500-2300		55.9	58.7	44.0	61-86	

Noise Survey Results

Date: Sunday 24th - Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 59

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**

Instrumentation: Cirrus 1710 Real Time Analyser (G304789)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
23:00	15:00	45.0	49.6	31.3	60.4	
23:15	15:00	42.3	45.6	29.7	56.7	
23:30	15:00	42.2	44.6	29.1	61.6	
23:45	15:00	40.0	44.6	28.9	56.2	
00:00	15:00	38.3	41.6	29.9	57.3	
00:15	15:00	32.0	33.6	29.0	39.0	
00:30	15:00	37.8	36.7	30.0	57.9	
00:45	15:00	38.1	39.1	29.6	56.2	
01:00	15:00	32.4	33.4	28.8	47.7	
01:15	15:00	40.0	38.4	29.6	59.4	
01:30	15:00	35.3	37.9	31.1	44.8	
01:45	15:00	35.0	35.4	28.7	55.2	
02:00	15:00	37.5	38.5	28.5	56.8	
02:15	15:00	29.6	30.7	28.2	35.7	
02:30	15:00	29.5	30.5	28.0	45.9	
02:45	15:00	30.2	31.2	28.9	40.3	
03:00	15:00	41.1	44.7	29.5	62.4	
03:15	15:00	39.6	37.8	29.6	59.8	
03:30	15:00	41.7	44.9	30.7	57.9	
03:45	15:00	44.4	47.7	33.1	57.5	
04:00	15:00	43.1	45.3	35.1	59.0	
04:15	15:00	45.8	49.4	35.4	60.8	
04:30	15:00	47.3	51.1	37.3	60.7	
04:45	15:00	46.3	48.5	37.3	71.9	
05:00	15:00	48.0	49.3	39.5	71.7	
05:15	15:00	49.6	53.5	40.8	61.2	
05:30	15:00	51.5	56.1	41.8	62.8	
05:45	15:00	49.4	53.6	40.9	64.2	
06:00	15:00	52.2	56.5	42.9	64.1	
06:15	15:00	55.0	58.7	43.8	71.9	
06:30	15:00	56.4	58.6	46.4	79.1	
06:45	15:00	56.3	59.7	48.0	71.4	
Average 2300-0700		48.1	51.4	38.6	36-79	
Average 0700-2300		57.6	60.4	47.5	61-89	

Noise Survey Results

Date: Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 60

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP20 - Kimbolton Road**

Instrumentation: Cirrus 1710 Real Time Analyser (G304789)

Calibration: 94dB

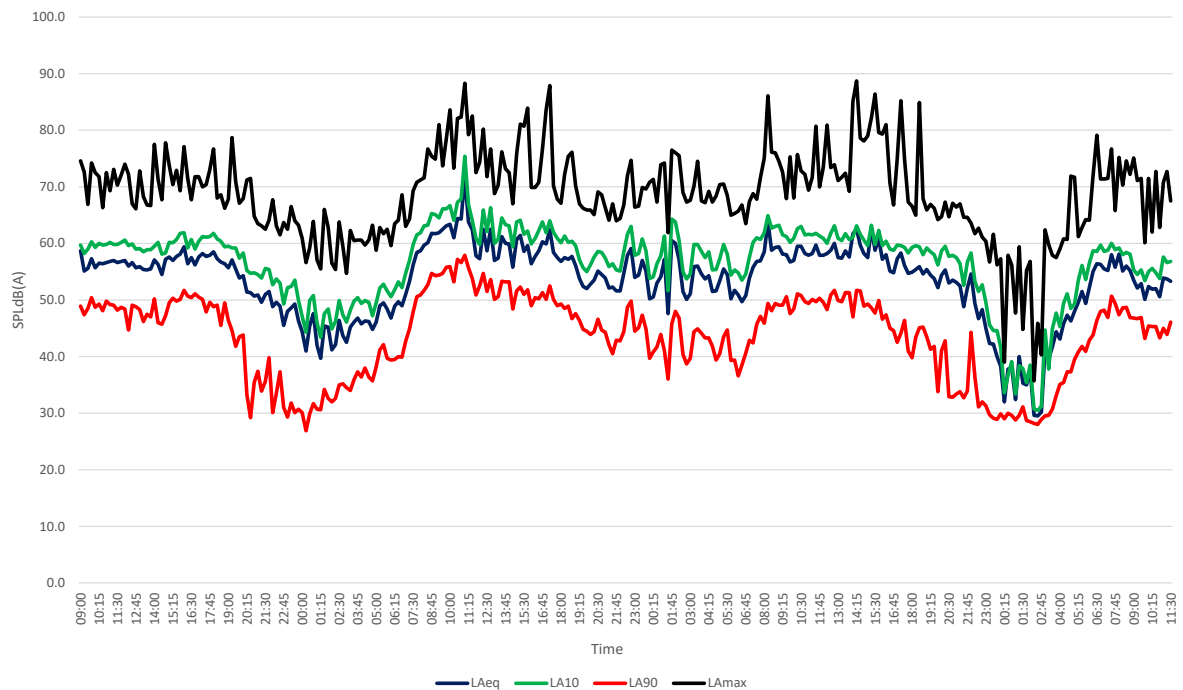
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	55.5	58.6	48.2	71.4	
07:15	15:00	55.2	58.8	46.9	71.5	
07:30	15:00	58.0	60.0	50.7	76.7	
07:45	15:00	55.8	58.9	49.4	65.8	
08:00	15:00	58.1	59.2	47.4	75.2	
08:15	15:00	55.1	58.0	48.6	70.3	
08:30	15:00	56.0	58.4	48.7	74.6	
08:45	15:00	55.2	58.1	46.9	72.2	
09:00	15:00	53.5	55.3	46.8	75.1	
09:15	15:00	52.1	54.5	46.7	71.1	
09:30	15:00	52.9	55.3	46.9	71.5	
09:45	15:00	50.1	53.4	43.2	60.1	
10:00	15:00	52.4	55.0	45.4	71.5	
10:15	15:00	51.9	55.6	45.3	62.0	
10:30	15:00	52.0	54.8	45.3	72.7	
10:45	15:00	50.6	53.8	43.3	62.8	
11:00	15:00	53.9	57.6	45.0	70.8	
11:15	15:00	53.7	56.6	43.9	72.7	
11:30	15:00	53.3	56.8	46.1	67.5	
Average 0700-1145		54.5	57.1	47.0	60-77	

Overall Average	51.1	54.8	40.3	36-79	Excluding Rain
Overall Average	58.2	61.3	49.3	60-89	Excluding Rain

Average 0500-0700	51.9	55.5	42	59-79
--------------------------	-------------	-------------	-----------	--------------

Average 2300-0500	50.8	54.6	39.5	36-77
--------------------------	-------------	-------------	-------------	--------------

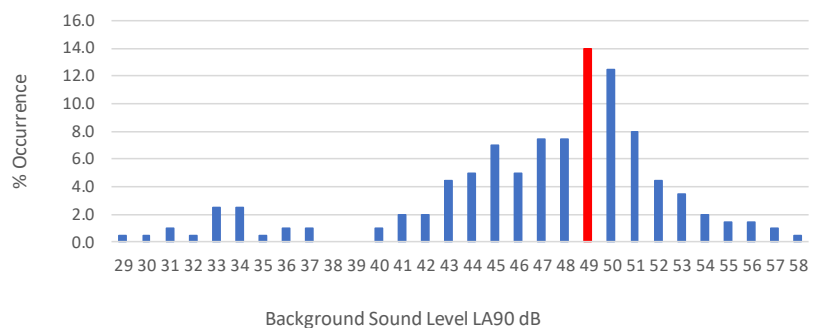
Background Sound Survey: Position NMP20 - Kimbolton Road
Friday 22nd - Monday 25th March 2024



LA90 % Occurrence

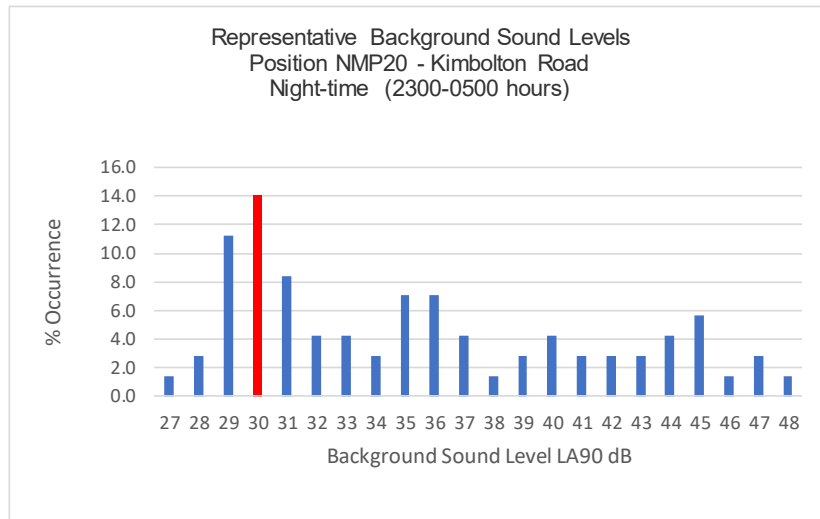
29	0.5
30	0.5
31	1.0
32	0.5
33	2.5
34	2.5
35	0.5
36	1.0
37	1.0
38	0.0
39	0.0
40	1.0
41	2.0
42	2.0
43	4.5
44	5.0
45	7.0
46	5.0
47	7.5
48	7.5
49	13.9
50	12.4
51	8.0
52	4.5
53	3.5
54	2.0
55	1.5
56	1.5
57	1.0
58	0.5

Representative Background Sound Levels
Position NMP20 - Kimbolton Road
Daytime (0700-2300 hours)

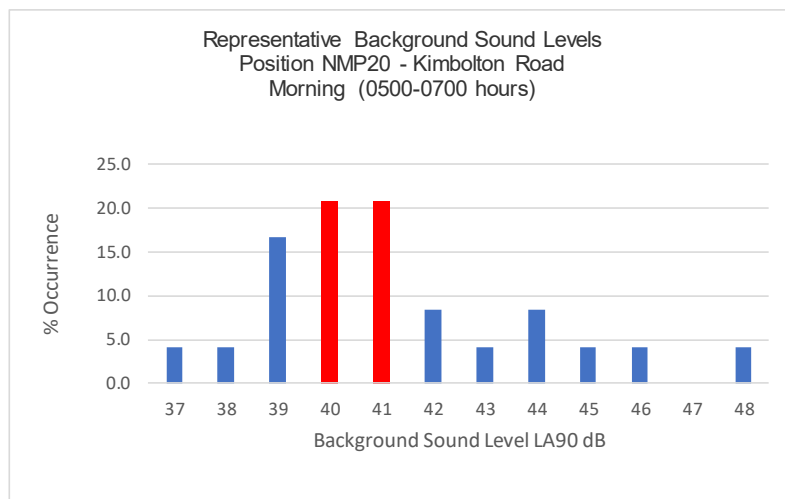


LA90 % Occurrence

27	1.4
28	2.8
29	11.3
30	14.1
31	8.5
32	4.2
33	4.2
34	2.8
35	7.0
36	7.0
37	4.2
38	1.4
39	2.8
40	4.2
41	2.8
42	2.8
43	2.8
44	4.2
45	5.6
46	1.4
47	2.8
48	1.4


LA90 % Occurrence

37	4.2
38	4.2
39	16.7
40	20.8
41	20.8
42	8.3
43	4.2
44	8.3
45	4.2
46	4.2
47	0.0
48	4.2



2.22 NMP 21: Kimbolton Road (230m from road)

Noise Survey Results

Date: Friday 22nd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 61

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Norsonic 116 Integrating Sound Level Meter (25502)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
09:45	15:00	62.6	59.2	50.7	88.7	Local road traffic noise & birdsong
10:00	15:00	51.3	53.8	47.2	59.6	
10:15	15:00	51.4	54.5	44.4	62.4	
10:30	15:00	51.7	54.6	46.8	59.3	
10:45	15:00	52.9	55.5	48.6	66.4	
11:00	15:00	52.2	55.4	46.3	62.7	
11:15	15:00	52.1	55.3	46.6	61.4	
11:30	15:00	52.8	55.5	47.3	76.3	
11:45	15:00	53.1	55.7	48.8	61.6	
12:00	15:00	52.8	55.6	47.2	78.6	
12:15	15:00	52.7	55.5	48.2	64.6	
12:30	15:00	53.7	56.1	47.8	70.0	
12:45	15:00	52.3	55.4	46.8	60.7	
13:00	15:00	51.9	54.8	46.9	63.6	
13:15	15:00	52.3	55.2	45.4	62.6	
13:30	15:00	52.7	55.5	46.9	62.8	
13:45	15:00	51.2	54.2	45.3	60.9	
14:00	15:00	51.5	54.6	45.9	60.9	
14:15	15:00	50.7	53.5	45.1	62.6	
14:30	15:00	51.8	54.9	46.2	61.1	
14:45	15:00	51.5	54.8	44.4	61.7	
Average 0945-1500		53.6	55.3	47.0	59-89	

Noise Survey Results

Date: Friday 22nd March 2024

TABLE 62

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	51.9	54.6	46.9	64.8	
15:15	15:00	51.9	54.7	45.8	69.8	
15:30	15:00	50.6	54.0	43.9	63.4	
15:45	15:00	52.7	54.1	44.5	71.8	
16:00	15:00	54.7	55.9	46.8	72.0	
16:15	15:00	52.2	54.2	47.4	81.5	
16:30	15:00	53.4	56.2	48.1	63.0	
16:45	15:00	54.3	57.3	48.4	65.2	
17:00	15:00	55.4	57.3	48.8	72.3	
17:15	15:00	52.2	54.8	48.1	63.7	
17:30	15:00	53.8	56.5	49.2	61.0	
17:45	15:00	53.0	55.8	48.6	62.0	
18:00	15:00	54.0	56.7	48.8	65.0	
18:15	15:00	54.6	57.4	49.5	62.9	
18:30	15:00	54.3	56.9	48.3	66.9	
18:45	15:00	54.7	57.3	49.4	63.1	
19:00	15:00	55.1	57.2	48.9	72.9	
19:15	15:00	54.0	56.6	49.2	62.7	
19:30	15:00	53.6	56.4	46.8	68.3	
19:45	15:00	53.0	55.2	49.0	66.4	
20:00	15:00	51.7	54.2	46.9	63.6	
20:15	15:00	51.2	54.4	43.2	64.5	
20:30	15:00	50.7	53.8	42.7	60.6	
20:45	15:00	50.5	53.4	44.1	60.6	
21:00	15:00	51.1	54.3	43.9	63.0	
21:15	15:00	48.2	52.1	33.6	65.9	
21:30	15:00	45.3	49.1	31.1	56.0	
21:45	15:00	46.1	49.5	36.3	57.4	
22:00	15:00	47.9	51.7	40.3	59.0	
22:15	15:00	46.8	50.2	36.3	59.3	
22:30	15:00	47.5	51.7	36.1	57.5	
22:45	15:00	48.0	51.8	39.7	61.9	
Average 1500-2300		52.4	55.0	46.5	56-82	

Noise Survey Results

Date: Friday 22nd - Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 63

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	45.6	49.3	31.6	61.4	
23:15	15:00	46.1	50.0	34.8	60.1	
23:30	15:00	44.8	48.5	36.9	57.3	
23:45	15:00	41.3	45.4	29.8	56.6	
00:00	15:00	45.1	49.5	28.5	58.2	
00:15	15:00	45.2	49.0	31.6	60.1	
00:30	15:00	46.3	50.7	31.8	60.3	
00:45	15:00	41.1	45.4	30.3	57.1	
01:00	15:00	41.7	44.5	30.5	61.2	
01:15	15:00	39.7	43.6	27.0	60.2	
01:30	15:00	41.5	45.8	26.7	56.1	
01:45	15:00	43.9	48.2	33.2	56.6	
02:00	15:00	36.5	39.7	31.4	52.5	
02:15	15:00	36.6	39.1	31.5	54.1	
02:30	15:00	40.7	42.9	34.1	57.9	
02:45	15:00	41.7	45.2	32.3	58.7	
03:00	15:00	37.1	40.0	31.8	51.9	
03:15	15:00	38.1	41.5	32.9	51.5	
03:30	15:00	43.1	44.9	34.2	64.1	
03:45	15:00	40.1	42.9	36.0	52.4	
04:00	15:00	38.2	40.7	34.4	51.4	
04:15	15:00	39.8	43.1	33.8	56.7	
04:30	15:00	42.0	45.0	36.9	57.5	
04:45	15:00	43.3	46.5	37.7	56.8	
05:00	15:00	42.1	44.7	37.1	60.8	
05:15	15:00	43.7	47.0	38.1	56.2	
05:30	15:00	44.7	48.0	36.2	60.1	
05:45	15:00	43.0	46.4	36.1	58.2	
06:00	15:00	44.6	47.7	38.0	61.7	
06:15	15:00	48.2	50.3	41.1	67.6	
06:30	15:00	50.5	53.3	42.4	69.0	
06:45	15:00	48.4	51.8	39.6	66.5	
Average 2300-0700		43.9	47.3	35.6	51-69	
Average 0945-2300		53.0	55.2	46.7	56-89	

Noise Survey Results

Date: Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 64

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	44.6	48.0	38.2	60.2	
07:15	15:00	45.2	48.4	38.9	59.3	
07:30	15:00	46.5	50.0	40.1	57.9	
07:45	15:00	45.3	48.4	39.0	60.8	
08:00	15:00	48.1	51.0	42.7	68.5	
08:15	15:00	48.7	51.7	43.7	61.4	
08:30	15:00	51.5	54.0	44.2	82.4	
08:45	15:00	55.6	57.0	48.8	81.9	
09:00	15:00	51.3	54.0	47.0	62.3	
09:15	15:00	57.2	57.4	49.5	83.6	
09:30	15:00	58.1	57.7	48.6	84.5	
09:45	15:00	55.2	57.2	49.1	81.9	
10:00	15:00	58.9	58.9	50.5	85.4	
10:15	15:00	60.5	60.2	49.6	86.3	
10:30	15:00	60.3	59.6	50.6	86.2	
10:45	15:00	59.1	59.8	51.9	84.7	
11:00	15:00	60.5	60.0	51.4	85.7	
11:15	15:00	59.7	59.6	50.6	84.8	
11:30	15:00	62.9	62.0	51.6	87.4	
11:45	15:00	63.2	62.6	53.7	84.8	
12:00	15:00	69.7	71.3	52.2	89.0	
12:15	15:00	64.2	63.1	52.0	87.6	
12:30	15:00	56.9	57.8	51.1	83.6	
12:45	15:00	54.6	55.6	48.4	82.0	
13:00	15:00	51.1	53.8	46.3	71.0	
13:15	15:00	58.3	60.0	49.9	83.7	
13:30	15:00	56.6	57.7	49.2	82.2	
13:45	15:00	61.2	60.5	50.8	84.7	
14:00	15:00	52.2	54.3	46.9	81.8	
14:15	15:00	52.9	55.1	47.9	81.9	Rain
14:30	15:00	57.3	58.0	49.5	84.7	Rain
14:45	15:00	55.8	57.0	49.8	82.9	
Average 0700-1500		59.7	60.3	49.3	58-89	Excluding Rain

Noise Survey Results

Date: Saturday 23rd March 2024

TABLE 65

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
15:00	15:00	56.1	56.9	50.4	82.9	
15:15	15:00	58.9	59.5	52.0	85.1	
15:30	15:00	62.6	62.7	50.2	87.4	
15:45	15:00	52.1	55.3	45.9	77.5	
16:00	15:00	53.1	55.8	48.0	64.0	
16:15	15:00	55.2	57.1	48.4	83.0	
16:30	15:00	53.1	55.7	47.5	70.3	
16:45	15:00	54.2	55.5	48.1	78.6	
17:00	15:00	51.9	55.0	47.0	63.1	
17:15	15:00	52.9	55.4	46.9	81.4	
17:30	15:00	55.0	57.4	49.9	80.8	
17:45	15:00	55.0	57.3	49.1	81.3	
18:00	15:00	57.2	55.3	46.8	82.1	
18:15	15:00	56.8	57.0	48.4	82.3	
18:30	15:00	54.7	57.1	48.5	81.3	
18:45	15:00	53.2	56.0	48.1	78.6	
19:00	15:00	52.5	55.2	47.2	63.2	
19:15	15:00	51.9	55.2	45.9	62.6	
19:30	15:00	54.6	54.0	45.3	85.5	
19:45	15:00	51.5	54.7	44.6	67.9	
20:00	15:00	51.4	54.2	45.8	65.1	
20:15	15:00	50.7	53.6	45.8	61.9	
20:30	15:00	47.6	50.3	43.5	57.9	
20:45	15:00	47.8	50.9	42.6	59.4	
21:00	15:00	50.0	51.4	43.5	82.5	
21:15	15:00	48.0	50.8	42.4	58.8	
21:30	15:00	50.8	52.9	44.9	81.7	
21:45	15:00	49.9	52.5	44.2	77.0	
22:00	15:00	50.0	52.0	42.8	81.4	
22:15	15:00	48.4	51.1	42.0	76.6	
22:30	15:00	47.3	50.5	40.5	59.6	
22:45	15:00	46.3	49.1	41.3	56.9	
Average 1500-2300		54.2	55.6	47.0	57-87	

Noise Survey Results

Date: Saturday 23rd - Sunday 24th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 66

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	46.7	49.7	42.2	55.8	Rain
23:15	15:00	48.9	52.4	42.0	60.2	
23:30	15:00	58.4	58.9	47.9	84.6	
23:45	15:00	57.2	57.3	49.0	86.5	
00:00	15:00	47.8	50.8	42.6	59.8	
00:15	15:00	49.3	52.3	43.8	63.4	
00:30	15:00	55.3	54.8	45.5	86.3	
00:45	15:00	51.3	53.7	43.5	81.6	
01:00	15:00	45.0	48.1	39.6	62.1	
01:15	15:00	46.4	50.1	39.0	61.2	
01:30	15:00	45.3	48.7	38.5	56.3	
01:45	15:00	50.8	51.8	41.7	82.2	
02:00	15:00	47.3	50.9	40.4	57.8	
02:15	15:00	50.5	52.9	45.7	59.7	
02:30	15:00	43.3	46.4	37.3	52.7	
02:45	15:00	53.7	54.8	43.2	82.1	
03:00	15:00	52.8	53.0	43.7	83.3	
03:15	15:00	52.4	52.6	43.1	82.6	
03:30	15:00	45.7	48.9	39.6	58.5	
03:45	15:00	43.6	46.3	37.5	58.9	
04:00	15:00	45.0	47.2	37.7	63.2	
04:15	15:00	46.9	49.6	42.2	60.2	
04:30	15:00	49.1	50.6	42.2	81.6	
04:45	15:00	47.7	50.8	42.2	59.4	
05:00	15:00	48.3	51.4	42.1	66.7	
05:15	15:00	48.5	51.4	41.8	76.8	
05:30	15:00	46.2	49.2	41.0	59.1	
05:45	15:00	47.3	50.8	40.0	62.5	
06:00	15:00	47.0	50.2	40.4	61.0	
06:15	15:00	53.9	53.8	42.9	84.7	
06:30	15:00	51.9	54.0	45.1	82.0	
06:45	15:00	46.0	48.6	39.4	66.0	
Average 2300-0700		50.9	52.3	42.9	53-87	Excluding Rain
Average 0700-2300		57.7	58.5	48.3	57-89	Excluding Rain

Noise Survey Results

Date: Sunday 24th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 67

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	46.1	49.0	40.1	58.9	
07:15	15:00	47.2	51.3	37.6	61.8	
07:30	15:00	46.7	50.0	37.4	66.8	
07:45	15:00	51.4	49.5	38.4	76.0	
08:00	15:00	50.6	54.3	39.0	68.0	
08:15	15:00	50.2	52.9	41.8	78.7	
08:30	15:00	51.7	55.0	44.6	66.5	
08:45	15:00	50.5	53.7	44.7	63.4	
09:00	15:00	56.1	57.5	46.6	83.3	
09:15	15:00	58.7	58.6	48.8	83.0	
09:30	15:00	56.0	59.0	47.5	81.2	
09:45	15:00	56.6	58.1	46.5	85.1	
10:00	15:00	56.3	57.7	48.5	82.6	
10:15	15:00	54.3	56.5	47.4	81.7	
10:30	15:00	53.6	56.1	48.2	78.0	
10:45	15:00	55.1	57.8	47.8	72.0	
11:00	15:00	58.7	58.3	47.3	82.3	
11:15	15:00	55.3	57.4	49.5	82.0	
11:30	15:00	58.1	59.0	50.0	83.2	
11:45	15:00	54.2	56.1	48.5	81.8	
12:00	15:00	55.5	57.7	48.2	77.3	
12:15	15:00	55.1	57.3	49.6	83.0	
12:30	15:00	60.3	63.3	50.3	78.0	
12:45	15:00	54.7	57.0	48.9	72.7	
13:00	15:00	54.8	56.6	48.6	73.6	
13:15	15:00	54.7	55.6	46.5	80.2	
13:30	15:00	53.5	56.4	47.8	70.4	
13:45	15:00	56.3	57.8	48.6	84.9	
14:00	15:00	53.3	55.2	48.1	82.5	
14:15	15:00	52.7	55.5	47.2	64.7	
14:30	15:00	53.8	56.3	48.3	69.3	
14:45	15:00	53.1	54.8	47.6	82.8	
Average 0700-1500		55.0	56.8	47.3	59-85	

Noise Survey Results

Date: Sunday 24th March 2024

TABLE 68

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	57.2	55.2	45.4	78.0	
15:15	15:00	57.4	57.5	49.4	84.1	
15:30	15:00	60.0	58.4	49.9	83.3	
15:45	15:00	53.6	56.4	47.3	69.6	
16:00	15:00	52.9	55.4	48.0	69.6	
16:15	15:00	55.1	56.8	47.3	76.1	
16:30	15:00	55.5	55.9	46.0	77.0	
16:45	15:00	57.4	58.3	47.4	78.9	
17:00	15:00	54.2	53.9	45.1	78.2	
17:15	15:00	53.0	55.7	46.5	66.5	
17:30	15:00	50.3	53.6	44.1	64.5	
17:45	15:00	51.7	55.2	44.8	63.2	
18:00	15:00	53.1	55.8	42.4	69.5	
18:15	15:00	57.9	55.9	44.2	81.9	
18:30	15:00	53.3	55.4	44.7	74.2	
18:45	15:00	51.0	54.3	42.6	60.6	
19:00	15:00	51.5	54.7	45.4	63.5	
19:15	15:00	52.7	55.8	45.9	60.5	
19:30	15:00	56.2	54.3	44.3	75.2	
19:45	15:00	50.9	53.9	45.7	58.2	
20:00	15:00	51.1	54.3	43.6	58.2	
20:15	15:00	51.6	54.8	45.0	64.9	
20:30	15:00	49.8	53.1	41.1	62.3	
20:45	15:00	48.4	51.8	38.6	57.6	
21:00	15:00	50.9	54.3	42.3	62.5	
21:15	15:00	49.7	53.2	41.5	60.3	
21:30	15:00	49.3	53.3	33.3	57.8	
21:45	15:00	50.5	54.9	32.3	60.7	
22:00	15:00	51.2	54.7	37.0	65.5	
22:15	15:00	49.1	53.3	34.6	60.2	
22:30	15:00	46.6	49.3	35.3	63.3	
22:45	15:00	48.2	52.8	32.5	59.3	
Average 1500-2300		53.7	55.1	44.8	58-84	

Noise Survey Results

Date: Sunday 24th - Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 69

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	52.7	55.7	44.6	61.8	
23:15	15:00	47.8	52.5	34.5	56.7	
23:30	15:00	44.3	49.4	30.9	58.8	
23:45	15:00	47.7	51.9	32.5	59.3	
00:00	15:00	45.8	50.5	32.1	58.0	
00:15	15:00	40.9	46.0	30.2	53.8	
00:30	15:00	37.7	39.9	28.3	53.5	
00:45	15:00	38.9	44.2	27.5	51.7	
01:00	15:00	38.6	44.1	29.1	50.8	
01:15	15:00	30.7	32.3	28.5	39.0	
01:30	15:00	36.6	36.5	29.5	51.8	
01:45	15:00	35.5	37.4	28.2	50.7	
02:00	15:00	32.9	34.7	26.1	48.4	
02:15	15:00	34.6	38.3	26.2	49.4	
02:30	15:00	31.5	33.8	28.1	41.1	
02:45	15:00	31.9	33.5	25.5	45.7	
03:00	15:00	34.7	38.6	25.0	49.1	
03:15	15:00	27.2	29.0	25.3	39.1	
03:30	15:00	27.6	29.1	25.8	45.9	
03:45	15:00	29.3	30.5	27.6	34.9	
04:00	15:00	37.3	39.8	28.4	59.3	
04:15	15:00	37.2	39.7	28.8	59.4	
04:30	15:00	37.7	41.7	30.0	60.3	
04:45	15:00	40.4	44.5	32.5	59.8	
05:00	15:00	38.2	39.9	32.7	57.9	
05:15	15:00	41.9	45.4	34.1	59.6	
05:30	15:00	42.6	46.2	35.7	58.5	
05:45	15:00	41.4	45.0	36.2	58.5	
06:00	15:00	42.9	46.2	38.5	60.0	
06:15	15:00	46.9	49.0	40.5	68.3	
06:30	15:00	47.8	50.6	41.9	61.7	
06:45	15:00	60.6	61.5	40.7	80.0	
Average 2300-0700		47.4	49.5	35.2	35-80	
Average 0700-2300		54.4	56.0	46.2	58-85	

Noise Survey Results

Date: Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 70

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP21 - Kimbolton Road (230m)**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

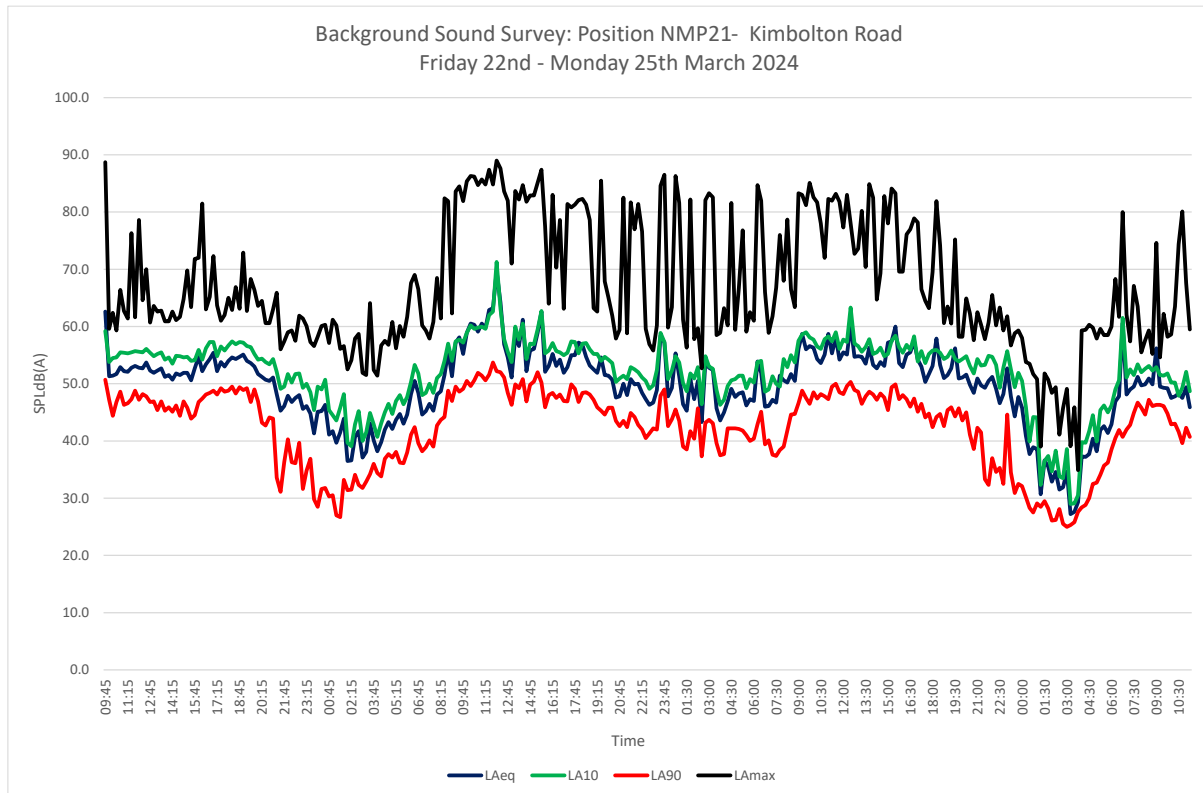
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	48.1	51.1	42.0	62.1	
07:15	15:00	49.0	52.5	42.8	57.4	
07:30	15:00	49.5	51.5	44.9	67.1	
07:45	15:00	51.2	53.4	46.7	63.5	
08:00	15:00	49.7	52.0	45.8	55.5	
08:15	15:00	49.9	52.6	44.6	57.6	
08:30	15:00	50.9	53.1	47.2	59.3	
08:45	15:00	49.9	52.3	46.1	55.2	
09:00	15:00	56.2	52.9	46.3	74.6	
09:15	15:00	49.5	51.5	46.3	54.6	
09:30	15:00	49.3	51.4	46.1	62.2	
09:45	15:00	49.2	51.8	44.8	58.2	
10:00	15:00	47.5	50.2	42.9	58.6	
10:15	15:00	47.8	50.2	43.0	63.5	
10:30	15:00	48.3	47.9	41.6	74.4	
10:45	15:00	47.5	49.3	39.6	80.1	
11:00	15:00	49.4	52.1	42.3	67.6	
11:15	15:00	45.9	48.7	40.7	59.5	
11:30	15:00	47.0	49.2	41.3	62.8	
Average 0700-1145		49.9	51.4	44.4	55-80	

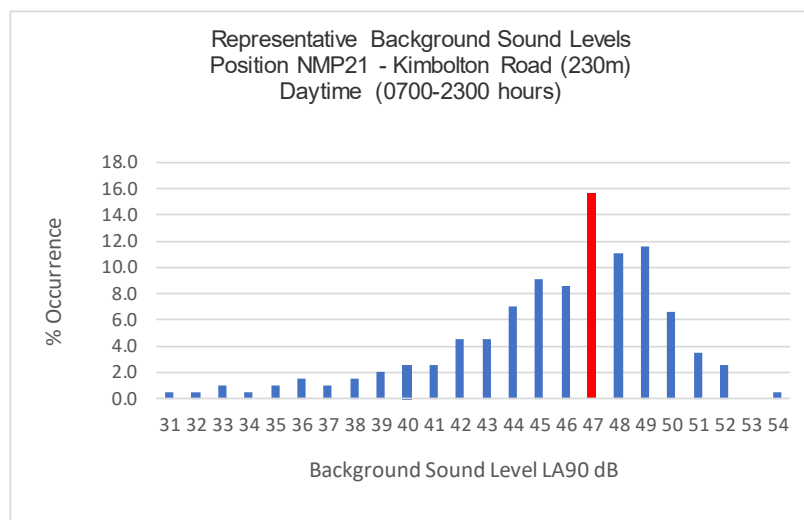
Overall Average	48.3	50.2	39.4	35-87	Excluding Rain
Overall Average	55.3	56.6	47.0	55-89	Excluding Rain

Average 0500-0700	50	51.7	40.1	56-85
--------------------------	-----------	-------------	-------------	--------------

Average 2300-0500	47.6	49.5	39.2	35-87
--------------------------	-------------	-------------	-------------	--------------

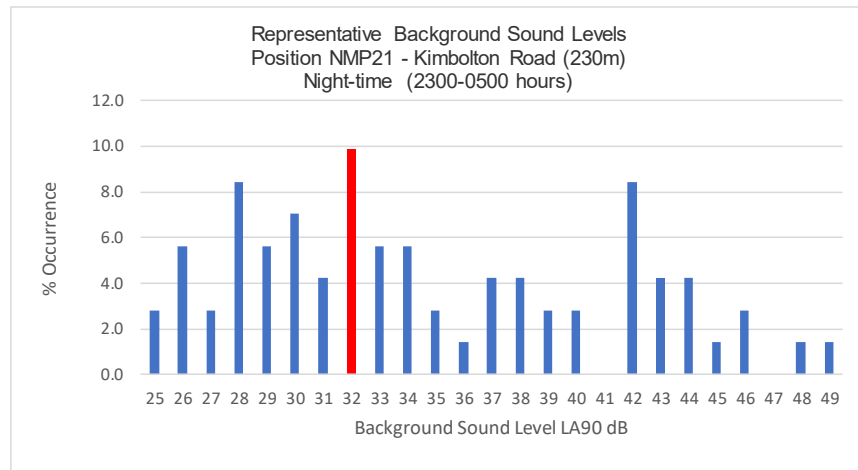


LA90	% Occurrence
31	0.5
32	0.5
33	1.0
34	0.5
35	1.0
36	1.5
37	1.0
38	1.5
39	2.0
40	2.5
41	2.5
42	4.5
43	4.5
44	7.1
45	9.1
46	8.6
47	15.7
48	11.1
49	11.6
50	6.6
51	3.5
52	2.5
53	0.0
54	0.5

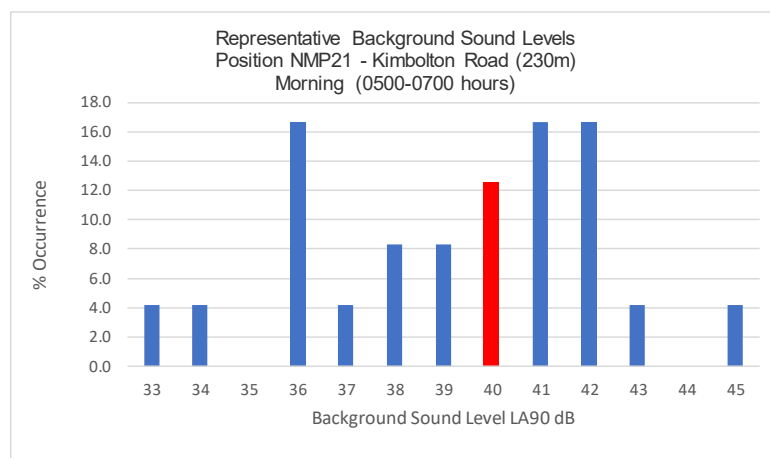


LA90 % Occurrence

25	2.8
26	5.6
27	2.8
28	8.5
29	5.6
30	7.0
31	4.2
32	9.9
33	5.6
34	5.6
35	2.8
36	1.4
37	4.2
38	4.2
39	2.8
40	2.8
41	0.0
42	8.5
43	4.2
44	4.2
45	1.4
46	2.8
47	0.0
48	1.4
49	1.4


LA90 % Occurrence

33	4.2
34	4.2
35	0.0
36	16.7
37	4.2
38	8.3
39	8.3
40	12.5
41	16.7
42	16.7
43	4.2
44	0.0
45	4.2



2.23 NMP 22: Pastures Farm, The Cottage

Noise Survey Results

Date: Friday 22nd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 71

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
09:30	15:00	47.2	47.9	38.2	73.8	Distant road traffic noise & birdsong
09:45	15:00	45.1	43.4	37.8	80.2	
10:00	15:00	40.4	42.1	37.3	57.1	
10:15	15:00	41.7	43.5	37.3	60.6	
10:30	15:00	45.5	48.1	41.1	61.1	
10:45	15:00	43.7	45.7	38.9	61.5	
11:00	15:00	42.5	44.5	39.2	57.7	
11:15	15:00	42.5	44.5	38.5	64.1	
11:30	15:00	49.9	48.8	36.8	69.7	
11:45	15:00	41.7	43.7	37.1	59.9	
12:00	15:00	42.8	44.7	38.2	62.7	
12:15	15:00	49.5	48.7	36.6	71.3	
12:30	15:00	48.8	48.1	37.6	71.9	
12:45	15:00	44.1	45.9	36.8	62.6	
13:00	15:00	49.5	53.3	38.1	64.5	
13:15	15:00	47.2	51.4	37.1	62.1	
13:30	15:00	43.1	45.8	36.7	59.4	
13:45	15:00	45.2	46.5	36.7	65.6	
14:00	15:00	46.8	47.6	38.9	66.4	
14:15	15:00	46.0	46.1	36.8	69.0	
14:30	15:00	44.4	48.2	33.7	65.1	
14:45	15:00	46.0	49.7	37.0	63.0	
Average 0930-1500		46.0	47.6	37.7	57-80	

Noise Survey Results

Date: Friday 22nd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 72

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	57.0	52.0	36.3	80.1	
15:15	15:00	44.3	46.8	37.6	62.8	
15:30	15:00	47.6	50.6	38.5	63.0	
15:45	15:00	50.1	50.7	38.6	70.4	
16:00	15:00	43.5	46.5	37.3	63.3	
16:15	15:00	43.5	46.5	36.6	61.2	
16:30	15:00	40.8	42.8	36.5	55.5	
16:45	15:00	38.3	40.4	35.1	57.1	
17:00	15:00	40.3	42.8	36.4	56.3	
17:15	15:00	40.6	42.6	37.5	54.7	
17:30	15:00	44.7	46.5	37.8	59.2	
17:45	15:00	43.5	43.9	36.3	60.3	
18:00	15:00	42.0	44.0	37.5	58.5	
18:15	15:00	41.7	42.7	36.0	64.6	
18:30	15:00	44.0	44.4	36.6	70.1	
18:45	15:00	43.4	44.7	36.6	63.2	
19:00	15:00	39.2	41.8	34.4	58.4	
19:15	15:00	36.9	39.5	31.3	47.8	
19:30	15:00	39.1	41.9	33.3	62.8	
19:45	15:00	37.3	40.0	33.2	50.6	
20:00	15:00	38.0	40.8	32.3	52.6	
20:15	15:00	37.1	39.3	30.2	59.1	
20:30	15:00	36.0	38.8	28.5	53.2	
20:45	15:00	35.6	38.7	29.6	54.2	
21:00	15:00	37.0	39.6	32.5	49.6	
21:15	15:00	35.5	38.5	29.7	48.3	
21:30	15:00	34.8	37.6	29.6	46.0	
21:45	15:00	36.4	39.4	30.2	51.2	
22:00	15:00	39.7	42.8	32.5	56.5	
22:15	15:00	44.9	48.5	35.3	59.3	
22:30	15:00	47.6	51.1	37.7	66.1	
22:45	15:00	41.1	44.9	32.6	54.2	
Average 1500-2300		45.2	45.4	35.4	46-80	

Noise Survey Results

Date: Friday 22nd - Saturday 23rd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 73

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	40.5	43.8	32.1	56.7	
23:15	15:00	40.8	44.2	33.4	53.9	
23:30	15:00	42.6	45.7	34.7	58.4	
23:45	15:00	44.7	48.9	33.5	62.2	
00:00	15:00	42.4	46.0	32.6	57.2	
00:15	15:00	38.1	41.3	29.9	55.0	
00:30	15:00	42.4	46.0	33.2	56.4	
00:45	15:00	43.9	48.0	33.7	56.5	
01:00	15:00	45.3	49.2	35.3	61.2	
01:15	15:00	46.2	50.0	36.7	58.8	
01:30	15:00	48.1	51.8	37.2	65.1	
01:45	15:00	44.8	48.4	35.1	59.5	
02:00	15:00	46.2	50.1	34.6	59.5	
02:15	15:00	46.9	49.6	36.1	64.4	
02:30	15:00	49.3	53.2	39.6	63.1	
02:45	15:00	50.2	53.9	41.0	62.9	
03:00	15:00	47.2	50.9	38.7	63.2	
03:15	15:00	46.1	49.8	37.3	58.5	
03:30	15:00	49.6	53.0	35.4	64.4	
03:45	15:00	49.9	53.1	35.4	65.1	
04:00	15:00	47.2	50.5	38.9	63.1	
04:15	15:00	47.8	50.9	39.2	64.3	
04:30	15:00	44.3	47.7	36.1	61.5	
04:45	15:00	44.2	47.0	36.8	65.0	
05:00	15:00	44.7	47.6	38.5	63.1	
05:15	15:00	45.7	48.8	39.9	59.0	
05:30	15:00	47.5	50.1	40.0	64.7	
05:45	15:00	46.7	49.4	39.2	63.3	
06:00	15:00	46.0	49.1	39.3	61.0	
06:15	15:00	46.3	49.6	39.0	64.2	
06:30	15:00	46.8	50.0	39.3	62.4	
06:45	15:00	45.4	48.3	38.8	67.1	
Average 2300-0700		46.3	49.7	37.3	54-67	
Average 0930-2300		45.5	46.4	36.5	46-80	

Noise Survey Results

Date: Saturday 23rd March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 74

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	47.8	50.9	40.4	64.7	
07:15	15:00	50.7	53.5	42.2	70.8	
07:30	15:00	56.3	59.3	45.2	75.6	
07:45	15:00	57.4	62.2	45.9	72.2	
08:00	15:00	61.2	65.5	47.7	75.5	
08:15	15:00	63.7	68.4	47.7	77.5	
08:30	15:00	63.3	67.8	47.5	78.4	
08:45	15:00	60.3	64.7	47.2	76.2	
09:00	15:00	63.4	67.6	48.2	77.0	
09:15	15:00	64.8	69.0	49.0	78.2	
09:30	15:00	66.8	71.2	50.5	79.1	
09:45	15:00	67.0	71.2	51.5	78.5	
10:00	15:00	66.9	71.0	50.8	79.3	
10:15	15:00	65.3	69.7	48.7	79.9	
10:30	15:00	67.0	71.4	50.6	80.2	
10:45	15:00	67.4	71.5	52.3	78.1	
11:00	15:00	72.5	76.5	57.3	85.4	
11:15	15:00	76.5	80.0	60.6	92.0	
11:30	15:00	72.9	76.5	56.8	85.1	
11:45	15:00	67.1	71.4	47.9	80.0	
12:00	15:00	66.8	71.4	48.2	78.5	
12:15	15:00	66.6	71.1	49.7	77.8	
12:30	15:00	59.5	64.5	44.1	74.6	
12:45	15:00	63.5	68.2	46.7	78.1	
13:00	15:00	58.3	63.7	44.1	71.5	
13:15	15:00	61.2	65.7	46.0	76.6	
13:30	15:00	61.7	66.7	45.8	76.1	
13:45	15:00	60.7	65.7	45.2	75.9	
14:00	15:00	57.1	59.8	42.8	73.3	
14:15	15:00	49.2	50.8	42.4	71.6	Rain
14:30	15:00	60.4	63.3	44.4	82.9	Rain
14:45	15:00	56.2	59.3	39.5	73.6	
Average 0700-1500		66.9	70.8	51.0	65-92	Excluding Rain

Noise Survey Results

Date: Saturday 23rd March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 75

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	65.6	70.7	44.5	79.5	
15:15	15:00	52.1	54.6	42.1	70.8	
15:30	15:00	54.5	56.8	40.6	72.8	
15:45	15:00	56.1	59.3	44.2	73.0	
16:00	15:00	51.0	53.7	39.0	69.9	
16:15	15:00	49.2	52.0	41.0	66.9	
16:30	15:00	56.7	59.6	43.0	74.4	
16:45	15:00	56.3	59.4	41.6	74.8	
17:00	15:00	55.4	58.4	42.8	73.8	
17:15	15:00	51.7	54.5	41.0	69.8	
17:30	15:00	55.4	55.2	43.5	74.8	
17:45	15:00	52.4	55.4	42.0	70.6	
18:00	15:00	50.1	53.2	41.4	69.5	
18:15	15:00	51.9	53.2	40.3	69.8	
18:30	15:00	54.2	56.6	42.8	69.2	
18:45	15:00	52.2	54.2	42.4	68.2	
19:00	15:00	58.7	64.1	44.3	73.8	
19:15	15:00	55.1	58.9	42.3	76.7	
19:30	15:00	51.0	52.0	39.1	68.6	
19:45	15:00	51.4	52.5	39.8	72.4	
20:00	15:00	51.1	52.9	40.8	68.0	
20:15	15:00	51.9	54.7	42.0	68.2	
20:30	15:00	55.1	59.3	43.7	71.2	
20:45	15:00	55.3	59.9	43.2	70.9	
21:00	15:00	54.5	58.1	43.5	69.5	
21:15	15:00	54.5	57.7	41.9	71.3	
21:30	15:00	50.5	53.5	38.7	68.5	
21:45	15:00	50.9	53.7	40.1	68.0	
22:00	15:00	52.2	55.5	40.0	68.4	
22:15	15:00	54.8	57.9	42.1	72.9	
22:30	15:00	63.5	67.8	48.2	78.9	
22:45	15:00	62.0	66.5	47.2	78.4	
Average 1500-2300		56.6	60.6	42.7	67-80	

Noise Survey Results

Date: Saturday 23rd - Sunday 24th March 2024
 Location: East Park Solar, Eaton Socon, Bedfordshire
 Client: RNA Energy
 Project: East Park Solar & Battery Storage Facility
 Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**
 Instrumentation: Cirrus 171B Real Time Analyser (G056142)
 Calibration: 94dB

TABLE 76

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	53.9	57.2	43.5	68.2	Rain
23:15	15:00	55.7	60.2	42.5	73.0	
23:30	15:00	60.8	65.3	47.1	75.9	
23:45	15:00	57.7	62.0	44.3	72.5	
00:00	15:00	51.1	53.8	40.1	67.5	
00:15	15:00	52.4	56.1	39.7	67.6	
00:30	15:00	57.4	61.9	43.3	73.7	
00:45	15:00	57.0	61.6	44.8	70.9	
01:00	15:00	58.6	62.8	42.9	74.9	
01:15	15:00	53.4	57.8	29.2	80.4	
01:30	15:00	53.0	57.1	28.5	81.8	
01:45	15:00	58.5	62.9	35.3	88.0	
02:00	15:00	54.6	59.4	35.4	82.4	
02:15	15:00	54.0	57.8	35.3	84.8	
02:30	15:00	51.0	55.2	37.7	77.4	
02:45	15:00	51.6	56.2	39.2	76.1	
03:00	15:00	52.9	58.3	38.9	76.5	
03:15	15:00	54.3	59.7	37.6	81.1	
03:30	15:00	52.0	55.9	35.6	77.2	
03:45	15:00	53.2	55.6	38.8	75.8	
04:00	15:00	50.8	55.2	38.5	76.5	
04:15	15:00	47.8	50.3	36.8	75.3	
04:30	15:00	50.5	54.2	38.4	66.1	
04:45	15:00	50.4	53.5	37.7	68.8	
05:00	15:00	52.1	54.4	37.3	72.3	
05:15	15:00	54.0	57.1	40.4	73.8	
05:30	15:00	54.0	56.7	40.3	73.2	
05:45	15:00	53.9	57.1	40.9	73.1	
06:00	15:00	49.2	52.5	37.7	68.0	
06:15	15:00	46.5	48.4	34.7	67.4	
06:30	15:00	48.2	51.7	34.8	64.7	
06:45	15:00	46.9	49.7	36.3	63.4	
Average 2300-0700		54.3	58.5	40.2	63-88	Excluding Rain
Average 0700-2300		60.0	64.3	44.9	65-92	Excluding Rain

Noise Survey Results

Date: Sunday 24th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 77

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	50.7	52.4	38.4	71.8	
07:15	15:00	51.7	52.0	38.1	74.1	
07:30	15:00	52.5	53.6	40.2	74.5	
07:45	15:00	52.5	51.8	39.6	74.1	
08:00	15:00	51.0	51.0	40.3	75.2	
08:15	15:00	48.0	51.3	41.3	63.9	
08:30	15:00	50.9	51.3	39.9	78.1	
08:45	15:00	50.5	50.9	40.6	75.5	
09:00	15:00	52.7	50.1	41.2	76.2	
09:15	15:00	45.9	48.8	38.8	64.3	
09:30	15:00	50.0	51.6	40.5	71.0	
09:45	15:00	50.7	50.8	41.2	70.6	
10:00	15:00	53.0	53.0	41.3	73.2	
10:15	15:00	49.7	49.9	40.2	73.7	
10:30	15:00	48.7	51.3	42.9	66.6	
10:45	15:00	45.9	48.9	40.3	61.7	
11:00	15:00	46.2	48.7	41.7	63.9	
11:15	15:00	44.3	47.1	39.7	55.4	
11:30	15:00	46.2	49.7	39.1	60.2	
11:45	15:00	47.8	50.2	38.6	70.9	
12:00	15:00	46.2	47.6	40.7	66.1	
12:15	15:00	47.3	49.3	38.7	66.8	
12:30	15:00	54.5	55.5	43.0	76.4	
12:45	15:00	47.7	50.2	42.9	62.7	
13:00	15:00	44.6	46.5	39.3	64.8	
13:15	15:00	46.6	49.6	38.7	66.3	
13:30	15:00	53.7	55.1	41.2	74.3	
13:45	15:00	49.5	52.5	40.6	69.1	
14:00	15:00	46.9	49.5	38.8	68.8	
14:15	15:00	51.7	53.9	42.8	69.8	
14:30	15:00	45.2	47.7	38.8	62.7	
14:45	15:00	42.8	45.2	38.4	63.1	
Average 0700-1500		49.9	51.1	40.4	55-78	

Noise Survey Results

Date: Sunday 24th March 2024

TABLE 78

Location: East Park Solar, Eaton Socon, Bedfordshire

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
15:00	15:00	43.0	45.7	38.1	58.3	
15:15	15:00	45.4	47.3	38.3	62.3	
15:30	15:00	45.9	49.1	39.1	60.8	
15:45	15:00	48.1	50.8	39.1	66.8	
16:00	15:00	43.1	45.2	37.5	66.0	
16:15	15:00	46.4	49.9	39.4	61.5	
16:30	15:00	42.9	45.5	36.6	57.8	
16:45	15:00	41.5	44.1	36.8	55.7	
17:00	15:00	42.6	43.5	36.1	63.4	
17:15	15:00	42.4	44.5	34.1	68.6	
17:30	15:00	45.5	43.0	34.0	78.2	
17:45	15:00	37.8	39.9	33.2	59.9	
18:00	15:00	37.8	39.9	32.2	60.1	
18:15	15:00	37.8	40.6	32.7	54.3	
18:30	15:00	37.1	39.8	32.4	48.0	
18:45	15:00	37.5	39.9	33.3	48.9	
19:00	15:00	37.0	39.5	33.0	45.6	
19:15	15:00	37.7	40.9	31.3	47.4	
19:30	15:00	35.3	37.6	31.4	43.3	
19:45	15:00	34.5	37.3	29.2	44.5	
20:00	15:00	37.1	39.9	31.0	49.1	
20:15	15:00	37.0	40.1	29.8	46.1	
20:30	15:00	34.9	38.3	27.1	45.2	
20:45	15:00	36.5	39.6	30.5	49.0	
21:00	15:00	37.9	40.9	30.3	50.6	
21:15	15:00	38.2	40.4	31.4	52.5	
21:30	15:00	35.8	38.8	29.5	49.1	
21:45	15:00	37.2	40.1	29.5	47.9	
22:00	15:00	39.9	42.8	34.9	48.0	
22:15	15:00	34.9	38.2	29.1	44.9	
22:30	15:00	32.1	34.5	28.5	40.2	
22:45	15:00	33.5	36.1	29.8	42.7	
Average 1500-2300		41.2	43.6	34.5	40-78	

Noise Survey Results

Date: Sunday 24th - Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 79

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
23:00	15:00	33.7	36.8	29.3	41.9	
23:15	15:00	31.2	33.2	27.0	45.9	
23:30	15:00	31.7	34.0	28.6	42.7	
23:45	15:00	31.2	33.5	27.5	41.7	
00:00	15:00	31.9	33.7	29.0	44.6	
00:15	15:00	32.0	34.1	28.3	38.9	
00:30	15:00	32.7	34.2	29.4	50.3	
00:45	15:00	32.8	35.3	28.3	44.2	
01:00	15:00	35.6	37.5	30.1	50.3	
01:15	15:00	33.0	35.9	28.0	43.8	
01:30	15:00	35.3	38.1	31.4	41.6	
01:45	15:00	30.2	32.8	25.9	39.8	
02:00	15:00	30.5	32.3	26.8	44.1	
02:15	15:00	27.5	29.1	25.6	35.6	
02:30	15:00	27.6	29.1	25.0	46.3	
02:45	15:00	29.0	30.4	25.9	53.8	
03:00	15:00	33.0	36.0	26.4	44.6	
03:15	15:00	33.6	36.7	27.4	46.7	
03:30	15:00	35.1	38.1	29.3	44.2	
03:45	15:00	36.5	38.4	33.2	59.0	
04:00	15:00	37.6	39.5	34.6	46.0	
04:15	15:00	38.2	40.1	35.2	56.1	
04:30	15:00	39.7	41.7	36.7	55.7	
04:45	15:00	39.8	41.3	37.2	56.5	
05:00	15:00	40.9	42.4	38.3	54.3	
05:15	15:00	41.7	43.2	39.6	50.4	
05:30	15:00	43.5	45.1	40.5	61.1	
05:45	15:00	45.8	45.2	41.0	66.9	
06:00	15:00	45.3	45.9	41.9	59.5	
06:15	15:00	44.9	46.2	41.9	62.3	
06:30	15:00	44.5	45.8	42.9	54.3	
06:45	15:00	45.7	47.1	43.7	60.8	
Average 2300-0700		39.5	40.8	36.5	36-67	
Average 0700-2300		47.4	48.8	38.4	40-78	

Noise Survey Results

Date: Monday 25th March 2024

Location: East Park Solar, Eaton Socon, Bedfordshire

TABLE 80

Client: RNA Energy

Project: East Park Solar & Battery Storage Facility

Data: **Baseline Sound Survey: Position NMP22 - Pastures Farm**

Instrumentation: Cirrus 171B Real Time Analyser (G056142)

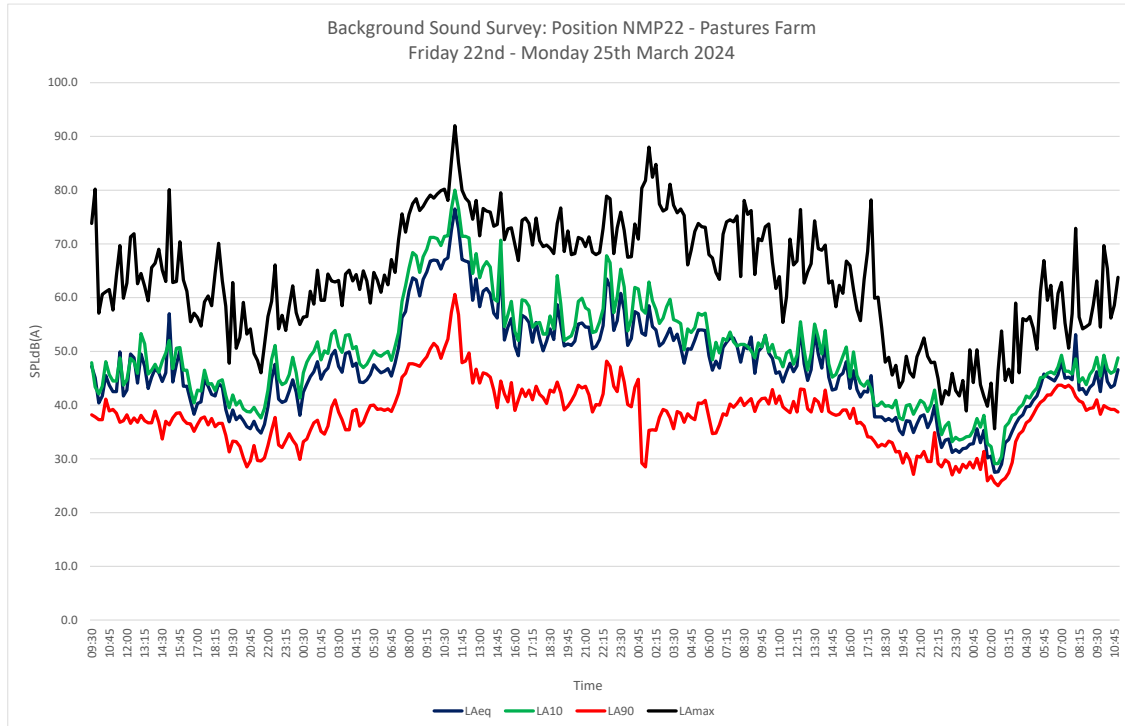
Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	48.1	49.3	43.7	62.8	
07:15	15:00	45.0	46.3	43.3	55.3	
07:30	15:00	45.2	46.3	43.7	50.6	
07:45	15:00	44.7	45.8	43.1	57.0	
08:00	15:00	53.1	48.6	41.6	72.9	
08:15	15:00	42.8	44.3	40.8	56.4	
08:30	15:00	43.1	45.1	40.5	54.2	
08:45	15:00	42.0	43.8	39.0	54.6	
09:00	15:00	43.3	45.7	39.4	55.1	
09:15	15:00	43.9	46.6	39.5	58.6	
09:30	15:00	46.2	48.9	41.0	63.1	
09:45	15:00	42.5	45.4	38.3	54.5	
10:00	15:00	48.1	49.3	39.9	69.7	
10:15	15:00	44.4	46.7	39.5	65.4	
10:30	15:00	43.3	45.9	39.2	56.2	
10:45	15:00	43.7	46.3	39.2	58.6	
11:00	15:00	46.6	48.8	38.7	63.8	
Average 0700-1115		46.1	46.9	41.0	60-77	

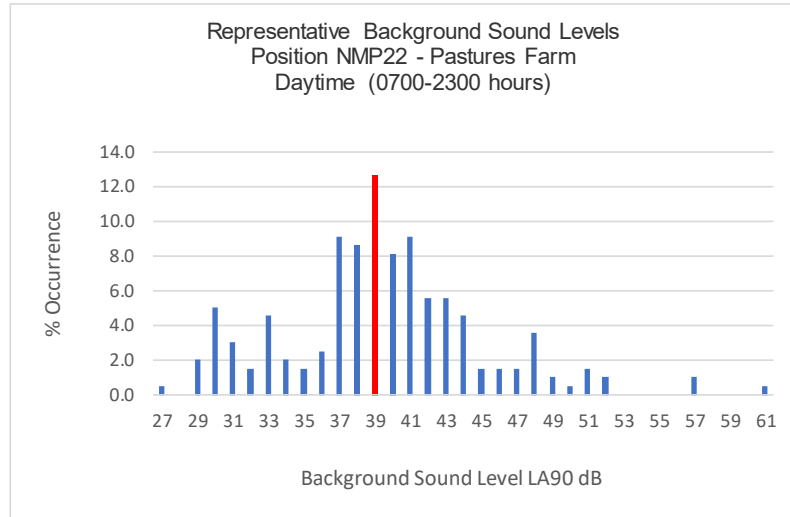
Overall Average	50.1	54.0	38.2	36-88	Excluding Rain
Overall Average	59.3	63.2	44.3	40-92	Excluding Rain

Average 0500-0700	48.5	51.2	39.9	50-74
--------------------------	-------------	-------------	-------------	--------------

Average 2300-0500	50.5	54.7	37.5	36-88
--------------------------	-------------	-------------	-------------	--------------

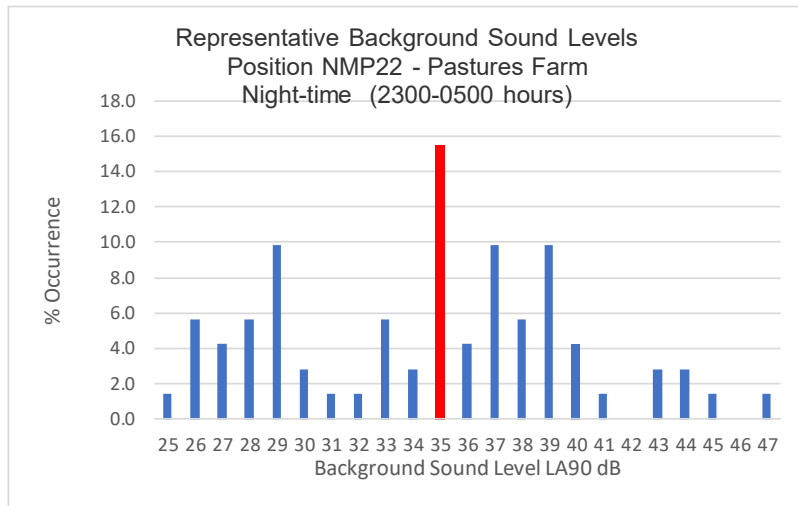


LA90	% Occurrence
27	0.5
28	0.0
29	2.0
30	5.1
31	3.0
32	1.5
33	4.6
34	2.0
35	1.5
36	2.5
37	9.1
38	8.6
39	12.7
40	8.1
41	9.1
42	5.6
43	5.6
44	4.6
45	1.5
46	1.5
47	1.5
48	3.6
49	1.0
50	0.5
51	1.5
52	1.0
53	0.0
54	0.0
55	0.0
56	0.0
57	1.0
58	0.0
59	0.0
60	0.0
61	0.5



LA90 % Occurrence

25	1.4
26	5.6
27	4.2
28	5.6
29	9.9
30	2.8
31	1.4
32	1.4
33	5.6
34	2.8
35	15.5
36	4.2
37	9.9
38	5.6
39	9.9
40	4.2
41	1.4
42	0.0
43	2.8
44	2.8
45	1.4
46	0.0
47	1.4


LA90 % Occurrence

35	8.3
36	4.2
37	4.2
38	8.3
39	25.0
40	20.8
41	12.5
42	8.3
43	4.2
44	4.2

