



**East Pye Solar
Environmental Statement
Volume 3: Appendix 12.1 – Baseline Sound Survey
Report**

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Appendix 12.1

Baseline Sound Survey

Report

East Pye Solar

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Appendix 12.1 Baseline Sound Survey Report

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Appendix 12.1 Baseline Sound Survey Report

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1 Introduction

1.1 Background

- 1.1.1 Stantec UK Limited has been commissioned to undertake an environmental sound survey in relation to East Pye Solar.
- 1.1.2 This report presents the results of the environmental sound survey carried out at locations representative of the nearest noise sensitive receptors to the Proposed Development.
- 1.1.3 An explanation of acoustic terminology used in this report is included in **Appendix A**.

1.2 Objectives

- 1.2.1 The objective of this report is to present the results of unattended daytime and night-time environmental sound monitoring, and the existing environmental sound levels at selected noise sensitive receptors.

1.3 Site Description and Location

- 1.3.1 The Order Limits are located within the administrative areas of Norfolk County Council and South Norfolk Council. Order Limits are the maximum extent of land anticipated to be acquired and/or used for the construction, operation and maintenance, and decommissioning phases of the Scheme. A description of the Order Limits can be found in **ES: Chapter 3 The Order Limits [EN0110014/APP/6.1.3]**.



2 Survey methodology

2.1 Procedure

- 2.1.1 An unattended environmental sound survey was undertaken at 51 measurement locations spread over the period between November 2024 to February 2025 to determine the existing sound climate at locations considered representative of the nearest noise sensitive receptors.
- 2.1.2 At each location measurements were taken for a 6-8 day period.
- 2.1.3 Measurements were made over 15-minute intervals of the L_{Aeq} , L_{A90} and L_{AFMax} sound levels.
- 2.1.4 The sound level meters were located in environmental cases. Each microphone was connected to its associated meter by an extension cable and fitted with the manufacturer's windshield.
- 2.1.5 The instrumentation used in the survey is listed in **Appendix B**.
- 2.1.6 Field calibrations were performed before and after the measurements with no significant fluctuations recorded (< 0.5 dB). Calibration certificates are available upon request.

2.2 Environmental Sound Climate

- 2.2.1 Due to the nature of the survey (i.e unattended), it is not possible to accurately comment on the dominant noise sources or specific noise events during the entire survey period. However, the on-site environmental sound climate at the time of set-up and collection is presented in **Table 1** to **Table 10**.

2.3 Measurement Locations

- 2.3.1 At all measurement locations the microphone was located 1.5 m above the ground level in free-field conditions. Further details of measurement locations are presented in **Figure 1** to **Figure 10** and **Table 1** to **Table 10**.



Parcel Group 1

Figure 1: Parcel Group 1 Environmental Sound Survey Locations



Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS, Maxar, Microsoft

Table 1. Parcel Group 1 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP41	The microphone was located to the south-west of the redline boundary approximately 60 m north of Station Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP42	The microphone was located at the western extent of the redline boundary, approximately 150 m east of Broadgate Lane	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network and movements on the rail network.



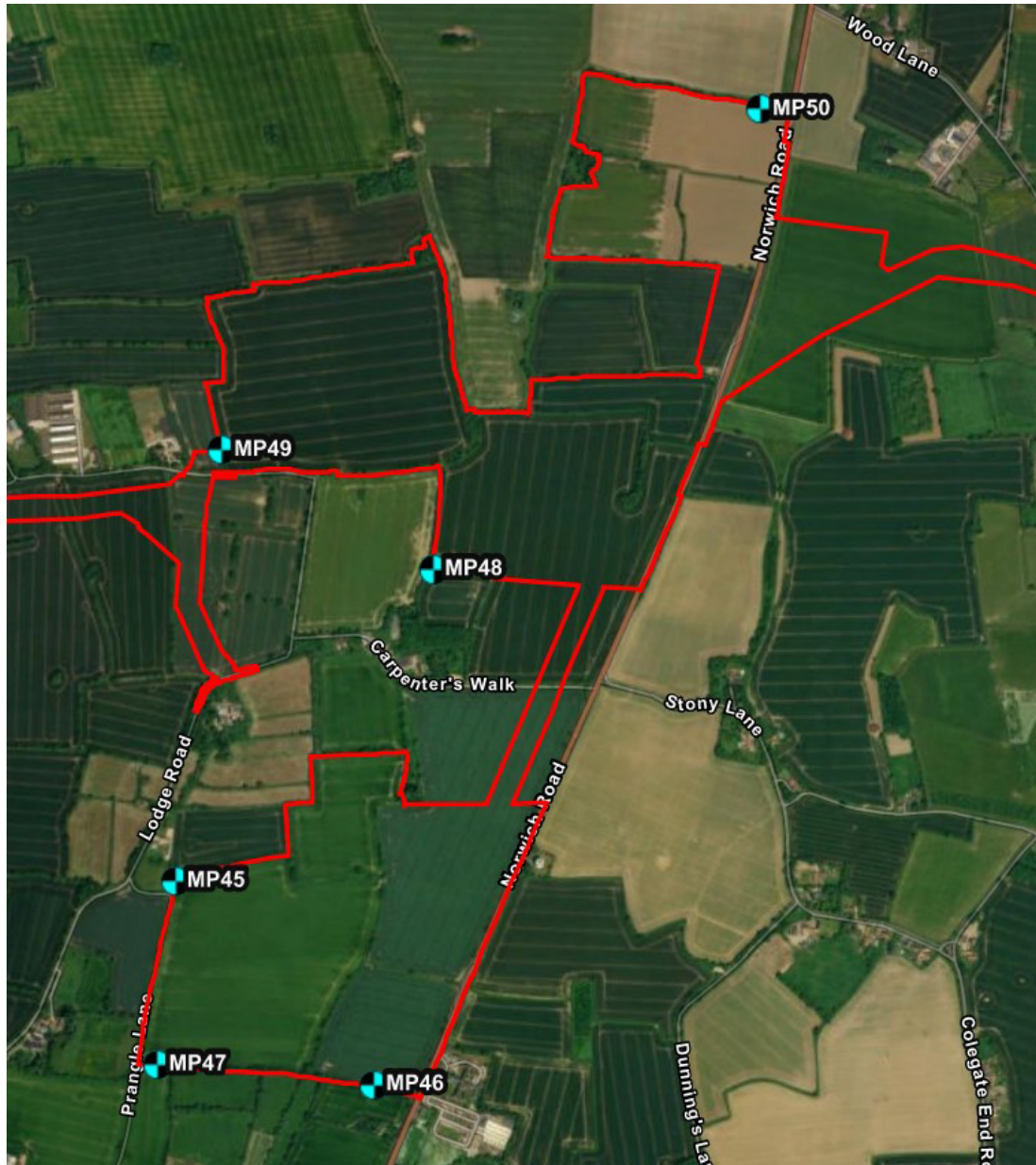
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Position	Description	Noted Sound Climate
MP43	The microphone was located at the eastern extent of the redline boundary, approximately 130 m east of Frith Way.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP44	The microphone was located at the northernmost extent of the redline boundary, approximately 200 m east of Frith Way.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.



Parcel Group 2

Figure 2: Parcel Group 2 Environmental Sound Survey Locations



Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS, Maxar, Microsoft

Table 2. Parcel Group 2 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP45	The microphone was located on the eastern perimeter, approximately 30 m north-east of Prangle Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP46	The microphone was located at the south-eastern extent of the redline boundary, approximately 90 m west of Norwich Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on Norwich Road, where near-constant traffic flow, including heavy goods vehicles, was observed.



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Position	Description	Noted Sound Climate
MP47	The microphone was located at the south-western extent of the redline boundary, approximately 40 m east of Prangle Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP48	The microphone was located to the south of the redline boundary, approximately 270 m east of Lodge Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP49	The microphone was located at the westernmost extent of the redline boundary, approximately 50 m north of Frith Way.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP50	The microphone was located on the northernmost extent of the redline boundary, approximately 50 m west of Norwich Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on Norwich Road , where near-constant traffic flow, including heavy goods vehicles, was observed.



Parcel Group 3

Figure 3: Parcel Group 3 Environmental Sound Survey Locations



Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS, Maxar, Microsoft

Table 3. Parcel Group 3 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP38	The microphone was located on the northern perimeter of the redline boundary, approximately 100 m south of Lundy Green	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP39	The microphone was located on the eastern perimeter of the redline boundary, approximately 450 m west of Barondale Lane	Upon setup and collection, onsite sound levels were dominated by movement of foliage and birdsong.
MP40	The microphone was located at the southernmost extent of the redline boundary, approximately 280 m north of Room Lane.	Upon setup and collection, onsite sound levels were dominated by movement of foliage and birdsong.



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Parcel Group 4

Figure 4: Parcel Group 4 Environmental Sound Survey Locations



Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS, Maxar, Microsoft

Table 4. Parcel Group 4 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP25	The microphone was located north of the redline boundary approximately 80 m east of Tasburgh Hill.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP26	The microphone was located at the north-westernmost extent of the redline boundary, approximately 30 m south of Bungay Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on Bungay Road.
MP27	The microphone was located south of the redline boundary, approximately 85 m from Brand's Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Construction noise was also audible.
MP28	The microphone was located on the southern perimeter of the redline	Upon setup and collection, onsite sound levels were dominated by vehicular movements on Norwich Road,

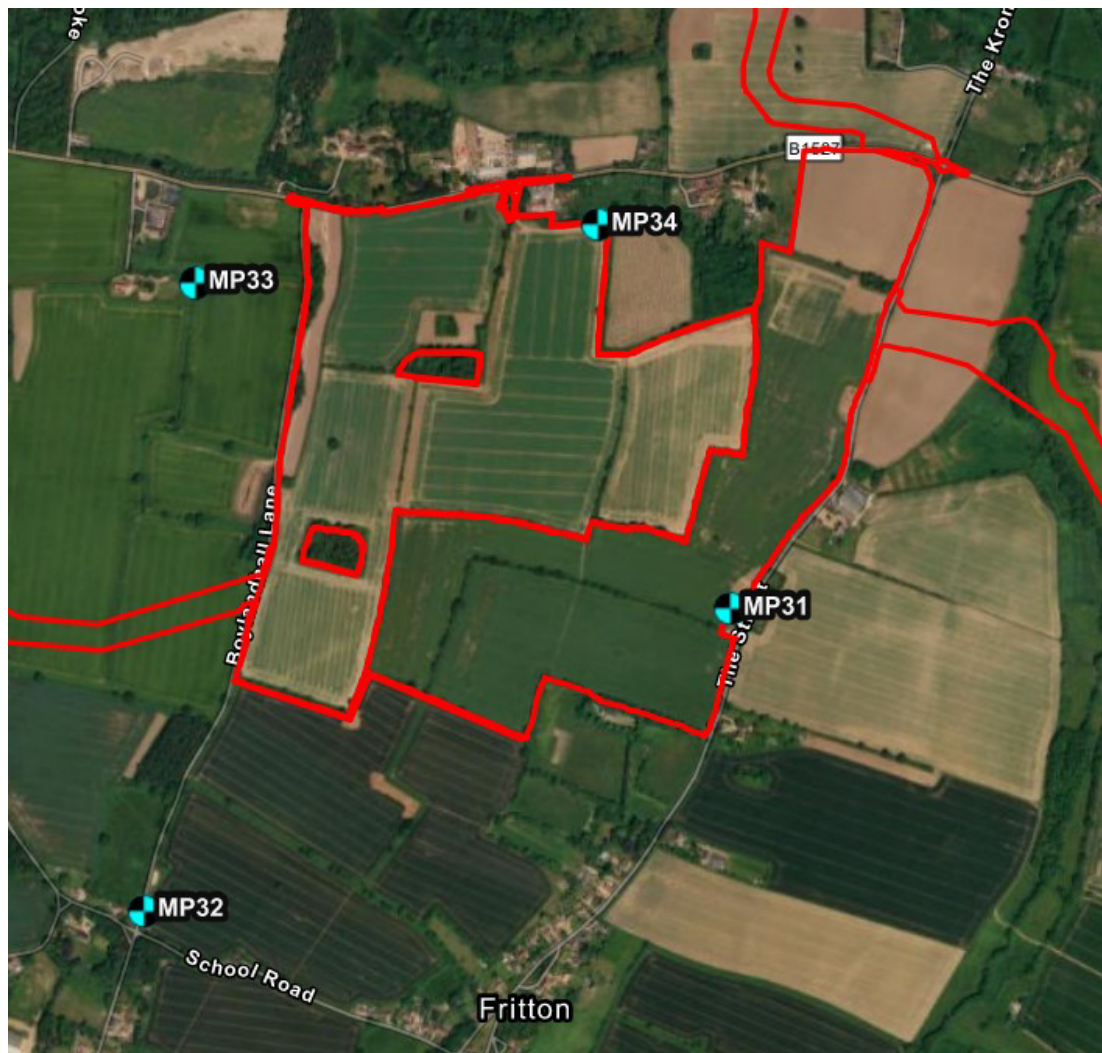


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Position	Description	Noted Sound Climate
	boundary, approximately 60 m from Norwich Road.	, where near-constant traffic flow, including heavy goods vehicles, was observed.
MP29	The microphone was located north of the redline boundary approximately 170 m north of Bungay Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP30	The microphone was located on the eastern perimeter of the redline boundary, approximately 200 m from Brick Kiln Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Overhead light aircraft, likely from Seething Airfield and distant gunshots from the north were also audible.
MP51	The microphone was located at the southernmost extent of the redline boundary, approximately 15 m from Church Lane.	Upon setup and collection, onsite sound levels were dominated by construction associated with the Long Stratton Bypass.

Parcel Group 5

Figure 5: Parcel Group 5 Environmental Sound Survey Locations



Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS, Maxar, Microsoft



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Table 5. Parcel Group 5 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP31	The microphone was located on the eastern perimeter of the redline boundary, approximately 30 m west of The Street.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on The Street.
MP32	The microphone was located south of the redline boundary, approximately 2 m away from Boylandhall Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Nearby intermittent gunshot from shooting on the eastern portion of the site was also audible.
MP33	The microphone was located west of the redline boundary, approximately 170 m south of the B1527.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Overhead Light aircraft, likely from Priory Farm Airfield or Seething Airfield was also audible. Nearby intermittent gunshot from shooting on the eastern portion of the site was also audible.
MP34	The microphone was located on the northern perimeter of the redline boundary, approximately 90 m south of the B1527	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Nearby intermittent gunshot from shooting on the eastern portion of the site was also audible.



Parcel Group 6

Figure 6: Parcel Group 6 Environmental Sound Survey Locations



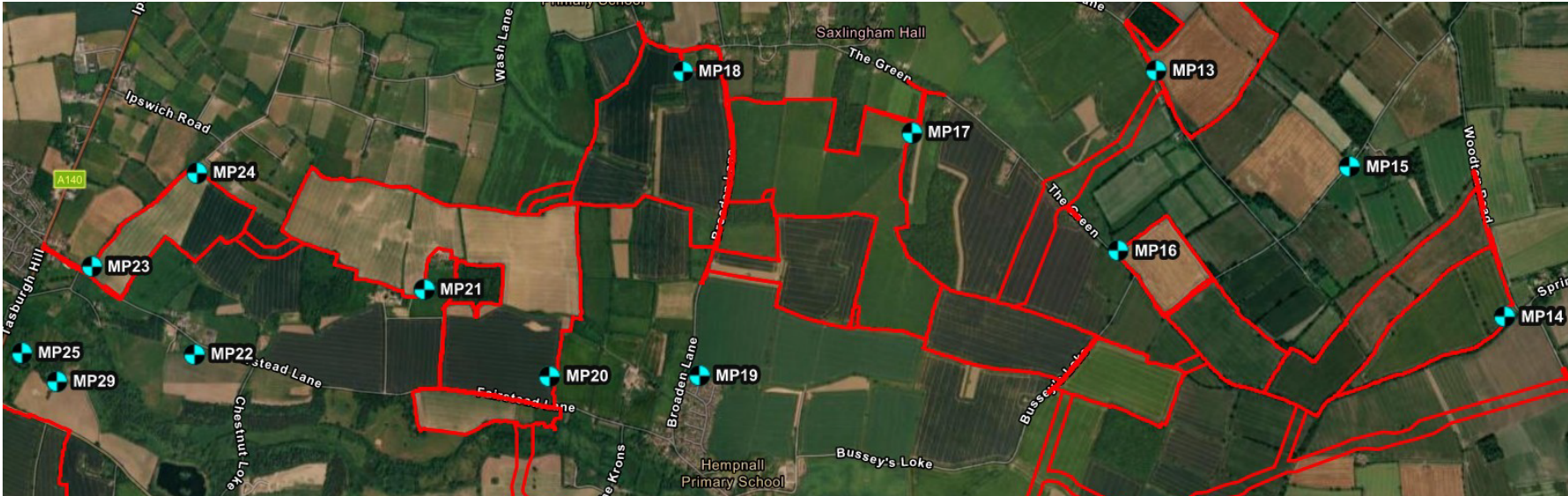
Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS, Maxar, Microsoft

Table 6. Parcel Group 6 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP35	The microphone was located at the north-eastern extent of the redline boundary, approximately 50 m south of Bungay Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Distant intermittent gunshot was also audible.
MP36	The microphone was located in the easter portion of the redline boundary, approximately 90 m east of Alburgh Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Distant intermittent gunshot was also audible.
MP37	The microphone was located at the south-eastern extent of the redline boundary, approximately 80 m from Road Green.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Distant intermittent gunshot was also audible.

Parcel Group 7

Figure 7: Parcel Group 7 Environmental Sound Survey Locations



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Table 7. Parcel Group 7 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP14	The microphone was located on the easternmost extent of the redline boundary, approximately 50 m east of Woodton Road	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP15	The microphone was located north of the redline boundary, approximately 2m south of Fylands Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Distant intermittent gunshot was also audible.
MP16	The microphone was located on the northern perimeter of the redline boundary, approximately 20 m north of The Green.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP17	The microphone was located on the northern perimeter of the redline boundary, approximately 200 m south of The Green.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP18	The microphone was located on the northern perimeter of the redline boundary, approximately 90 m south of The Green.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP19	The microphone was located south of the redline boundary, approximately 60 m west of Broaden Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Residents making use of their private amenity space was also audible.
MP20	The microphone was located in the south of the redline boundary, approximately 140 m north of Fairstead Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Distant intermittent gunshot was also audible from the south-west.
MP21	The microphone was located on the southern perimeter of the redline boundary, approximately 120 m west of Fairstead Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP22	The microphone was located south of the redline boundary, approximately 40 m south of Fairstead Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP23	The microphone was located at the westernmost extent of the redline boundary, approximately 30 m north of Fairstead Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP24	The microphone was located in the north west of the redline boundary, approximately 170 m south of Ipswich Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.



Parcel Group 8

Figure 8: Parcel Group 8 Environmental Sound Survey Locations



Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS, Maxar, Microsoft

Table 8. Parcel Group 8 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP10	The microphone was located on the northern perimeter of the redline boundary, approximately 110 m west from Brooke Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Distant intermittent gunshot from the north-west was also audible.
MP11	The microphone was located on the southern perimeter of the redline boundary, approximately 180 m west from Baxter's Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Distant intermittent gunshot from the north-west was also audible.
MP12	The microphone was located on the western perimeter of the redline	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the



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Position	Description	Noted Sound Climate
	boundary, approximately 5 m away from Market Lane.	surrounding road network. Distant intermittent gunshot from the north-west and livestock noise was also audible. A flyover of military aircraft was also observed during set up.
MP13	The microphone was located to the south-west of the redline boundary, approximately 3 m north-east of Wash Lane.	Upon setup, onsite sound levels were dominated by vehicular movements on the surrounding road network. Upon collection, onsite sound levels were dominated by water running in a nearby gulley after heavy rain.



Parcel Group 9

Figure 9: Parcel Group 9 Environmental Sound Survey Locations



Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS, Maxar, Microsoft

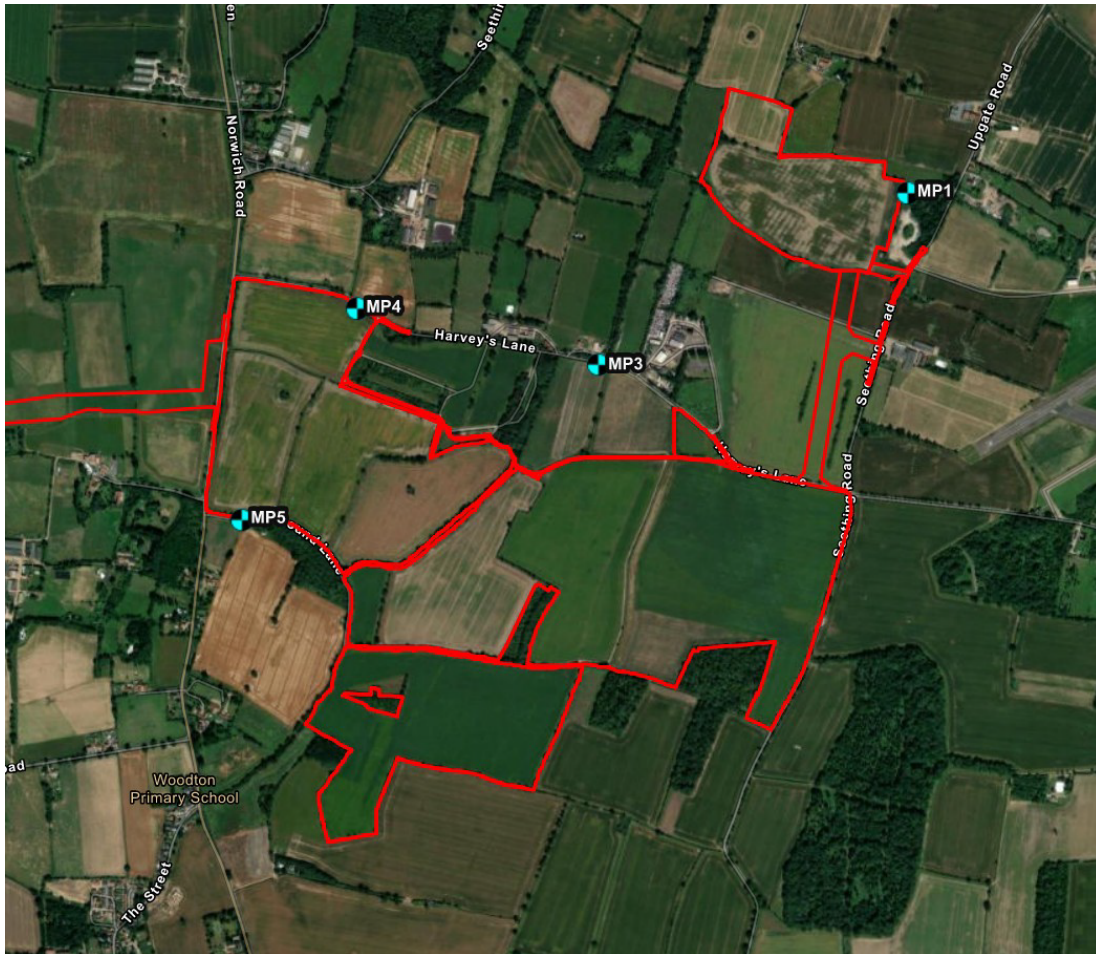
Table 9. Parcel Group 9 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP6	The microphone was located on the northern perimeter of the redline boundary, approximately 100 m south of High Green.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP7	The microphone was located on the western perimeter of the redline boundary, approximately 150 m east of High Green.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP8	The microphone was located on the south perimeter of the redline boundary, approximately 2 m north of Mill Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP9	The microphone was located on the eastern perimeter of the redline boundary, approximately 200 m north of Littlebeck Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.



Parcel Group 10

Figure 10: Parcel Group 10 Environmental Sound Survey Locations



Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS, Maxar, Microsoft

Table 10. Parcel Group 10 Description of Measurement Locations and Background Sound Climate

Position	Description	Noted Sound Climate
MP1	The microphone was located at the north-easternmost extent of the redline boundary, approximately 110 m east of Upgate Road.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP2	The microphone was located north of the redline boundary, approximately 210 m south of Swargate Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP3	The microphone was located north of the redline boundary, approximately 2 m south of Harvey's Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network. Light aircraft was also audible.
MP4	The microphone was on the northern perimeter of the redline boundary, approximately 2 m south of Harvey's Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.
MP5	The microphone was on the southern perimeter of the redline boundary, approximately 2 m north of Pound Lane.	Upon setup and collection, onsite sound levels were dominated by vehicular movements on the surrounding road network.



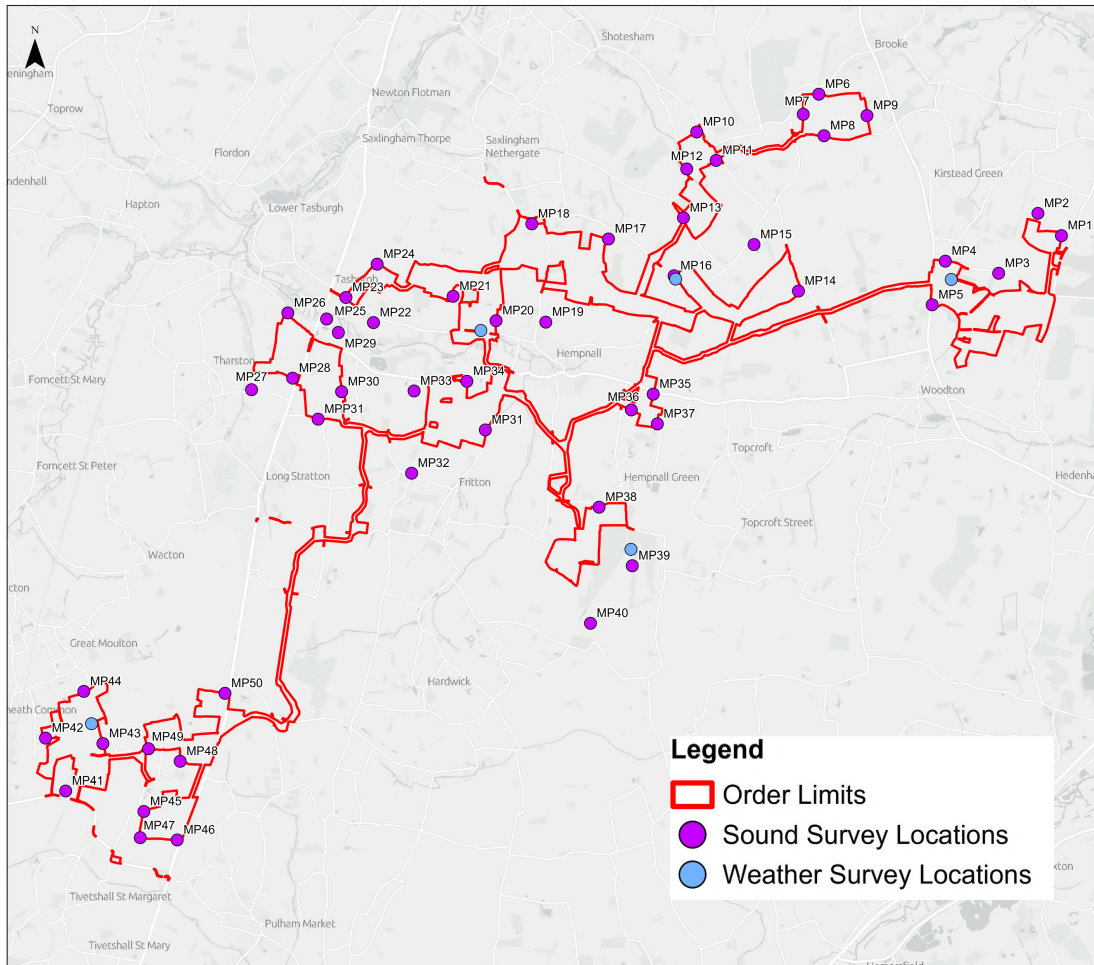
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2.4 Meteorological Conditions

2.4.1 Meteorological conditions during the survey were monitored using a weather station. However, due to an equipment fault, weather station data is not available for the period 26 November 2024 to 9 December 2024. For this period, publicly available weather data from a weather station located in Long Stratton was used.

2.4.2 For each visit, the weather station was located nearby to the used measurement positions, as presented in **Figure 11**.

Figure 11. Measurement locations



2.4.3 Weather data is presented in **Table 11**.

Table 11. Meteorological Data

Date	Temperature (°C)	Precipitation (mm)	Wind Speed (m/s)	Wind Direction
19/11/2024	8	0.0	0.0	W
20/11/2024	1	0.0	0.7	W
21/11/2024	-1	0.6	1.1	W
22/11/2024	2	0.0	1.9	W
23/11/2024	2	0.0	5.1	S
24/11/2024	7	5.0	11.2	S
25/11/2024	15	5.4	15.2	SW



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Date	Temperature (°C)	Precipitation (mm)	Wind Speed (m/s)	Wind Direction
26/11/2024	5	0.0	0.3	W
27/11/2024	5	11.9	0.9	S
28/11/2024	2	0.3	0.1	W
29/11/2024	5	0.2	0.1	N
30/11/2024	9	0.0	0.1	W
01/12/2024	10	4.3	0.4	SE
02/12/2024	8	2.8	0.5	W
03/12/2024	4	0.5	0.1	W
04/12/2024	4	0.3	0.1	W
05/12/2024	10	15.7	1.4	SW
06/12/2024	7	0.6	1.4	W
07/12/2024	8	17.5	1.7	W
08/12/2024	7	7.6	2.0	S
09/12/2024	7	1.8	1.3	SE
10/12/2024	7	0.0	3.4	NE
11/12/2024	6	0.0	1.5	NE
12/12/2024	7	0.0	1.0	N
13/12/2024	5	0.0	0.5	S
14/12/2024	5	0.2	1.9	W
15/12/2024	9	0.0	3.1	W
16/12/2024	11	0.0	4.2	W
17/12/2024	10	0.2	3.0	W
18/12/2024	12	4.0	3.9	W
19/12/2024	6	2.2	3.9	NW
20/12/2024	5	1.2	2.6	W
21/12/2024	8	0.2	3.9	W
22/12/2024	5	2.0	5.7	W
23/12/2024	5	1.0	4.5	NW
21/01/2025	4	0.0	0.9	S
22/01/2025	3	0.8	0.5	W
23/01/2025	4	1.0	3.1	SW
24/01/2025	8	1.4	5.5	SW
25/01/2025	4	0.2	1.5	W
26/01/2025	3	4.4	2.3	SW
27/01/2025	7	7.4	5.6	SW
17/03/2025	5	0.0	1.4	NE
18/03/2025	5	0.0	0.7	NE
19/03/2025	8	0.0	0.2	NE
20/03/2025	12	0.0	0.3	NE
21/03/2025	12	0.0	0.9	NE
22/03/2025	12	0.3	0.4	NE
23/03/2025	9	0.2	0.2	NE
24/03/2025	9	0.0	0.3	NE



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2.4.4 Due to unfavourable weather conditions, the following logging periods were excluded from further calculations:

- 13:00 hours 23/11/2024 – 11:00 hours 24/11/2024
- 15:00 hours 05/12/2024 – 07:00 hours 06/12/2024
- 12:00 hours 07/12/2024 – 12:00 hours 08/12/2024
- 04:00 hours 24/01/2025 – 18:00 hours 24/01/2025
- 12:00 hours 26/01/2025 – 19:00 hours 26/01/2025
- 02:45 hours 27/01/2025 – 07:45 hours 27/01/2025
- 09:15 hours 27/01/2025 – 15:45 hours 27/01/2025

2.5 Assumptions/Limitations

2.5.1 The engineer noticed nothing unusual in terms of the sound climate at the time of the survey. This report refers, within the limitations stated, to the environment of the site in the context of the surrounding area at the time of the inspections. Environmental conditions can vary. No warranty is given as to the possibility of changes in the environment of the site and surrounding area at differing times.



3 Environmental Sound Survey Results

- 3.1.1 Surveys were undertaken over the course of 6 weeks, with each survey lasting 6-8 days
- 3.1.2 The results of the survey are presented in the time history graphs in **Appendix B**.
- 3.1.3 A summary of the survey results is presented in **Table 12** to **Table 21**
- 3.1.4 Measurement locations have been organised in order of each parcel group.
- 3.1.5 Typical L_{AFMax} presented is based on the 10th highest measured L_{AFMax} level measured during each night-time period.

3.2 Parcel Group 1

Table 12. Summary of Sound Survey Results Parcel Group 1

Location	Date	Period, T	Measured Sound Level dB		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP41	20/11/2024	Daytime (07:00 – 23:00)	51	-	32-49
		Night-time (23:00 – 07:00)	42	58	29-39
	21/11/2024	Early Morning (04:00 – 07:00 hours)	44	-	29-39
		Daytime (07:00 – 23:00)	48	-	33-46
		Night-time (23:00 – 07:00)	45	60	31-44
	22/11/2024	Early Morning (04:00 – 07:00 hours)	48	-	40-44
		Daytime (07:00 – 23:00)	50	-	28-48
		Night-time (23:00 – 07:00)	50	63	24-47
	23/11/2024	Early Morning (04:00 – 07:00 hours)	46	-	25-47
		Daytime (07:00 – 23:00)	58	-	43-55
		Night-time (23:00 – 07:00)	-	-	-
	24/11/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	58	-	46-56
		Night-time (23:00 – 07:00)	50	65	33-57
	25/11/2024	Early Morning (04:00 – 07:00 hours)	49	-	34-40
Daytime (07:00 – 23:00)		52	-	39-46	
MP42	20/11/2024	Daytime (07:00 – 23:00)	46	-	30-43
		Night-time (23:00 – 07:00)	37	58	30-37
	21/11/2024	Early Morning (04:00 – 07:00 hours)	39	-	30-37
		Daytime (07:00 – 23:00)	43	-	30-38
		Night-time (23:00 – 07:00)	42	58	30-41
	22/11/2024	Early Morning (04:00 – 07:00 hours)	45	-	38-41
		Daytime (07:00 – 23:00)	43	-	28-42
		Night-time (23:00 – 07:00)	37	52	28-44
	23/11/2024	Early Morning (04:00 – 07:00 hours)	40	-	29-44
		Daytime (07:00 – 23:00)	53	-	39-53
		Night-time (23:00 – 07:00)	-	-	-
	24/11/2024	Early Morning (04:00 – 07:00 hours)	-	-	-



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level dB		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP43	25/11/2024	Daytime (07:00 – 23:00)	54	-	43-55
		Night-time (23:00 – 07:00)	43	58	33-49
	20/11/2024	Early Morning (04:00 – 07:00 hours)	41	-	34-38
		Daytime (07:00 – 23:00)	44	-	36-41
	21/11/2024	Daytime (07:00 – 23:00)	50	-	31-50
		Night-time (23:00 – 07:00)	37	55	29-36
	21/11/2024	Early Morning (04:00 – 07:00 hours)	39	-	29-36
		Daytime (07:00 – 23:00)	45	-	31-40
	21/11/2024	Night-time (23:00 – 07:00)	48	60	30-47
		22/11/2024	Early Morning (04:00 – 07:00 hours)	52	-
22/11/2024	Daytime (07:00 – 23:00)	50	-	27-51	
	Night-time (23:00 – 07:00)	36	53	26-39	
23/11/2024	Early Morning (04:00 – 07:00 hours)	38	-	28-39	
	Daytime (07:00 – 23:00)	53	-	38-53	
23/11/2024	Night-time (23:00 – 07:00)	-	-	-	
	24/11/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
24/11/2024	Daytime (07:00 – 23:00)	58	-	44-57	
	Night-time (23:00 – 07:00)	47	71	32-51	
25/11/2024	Early Morning (04:00 – 07:00 hours)	43	-	35-39	
	Daytime (07:00 – 23:00)	47	-	37-45	
MP44	20/11/2024	Daytime (07:00 – 23:00)	43	-	27-44
		Night-time (23:00 – 07:00)	36	-	26-32
	21/11/2024	Early Morning (04:00 – 07:00 hours)	39	-	27-32
		Daytime (07:00 – 23:00)	44	-	29-37
	21/11/2024	Night-time (23:00 – 07:00)	38	-	27-38
		22/11/2024	Early Morning (04:00 – 07:00 hours)	41	-
	22/11/2024	Daytime (07:00 – 23:00)	44	-	25-43
		Night-time (23:00 – 07:00)	34	-	23-38
	23/11/2024	Early Morning (04:00 – 07:00 hours)	36	-	26-38
		Daytime (07:00 – 23:00)	59	-	38-58
	23/11/2024	Night-time (23:00 – 07:00)	-	-	-
		24/11/2024	Early Morning (04:00 – 07:00 hours)	-	-
	24/11/2024	Daytime (07:00 – 23:00)	60	-	44-58
		Night-time (23:00 – 07:00)	42	-	29-41
	25/11/2024	Early Morning (04:00 – 07:00 hours)	42	-	34-40
		Daytime (07:00 – 23:00)	45	-	34-41



Appendix 12.1 Baseline Sound Survey Report

3.3 Parcel Group 2

Table 13. Summary of Sound Survey Results Parcel Group 2

Location	Date	Period, T	Measured Sound Level dB		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP45	19/11/2024	Daytime (07:00 – 23:00)	41	-	33-41
		Night-time (23:00 – 07:00)	39	49	32-40
	20/11/2024	Early Morning (04:00 – 07:00 hours)	37	-	32-36
		Daytime (07:00 – 23:00)	45	-	30-45
	21/11/2024	Night-time (23:00 – 07:00)	36	49	27-42
		Early Morning (04:00 – 07:00 hours)	39	-	28-42
		Daytime (07:00 – 23:00)	43	-	32-44
	22/11/2024	Night-time (23:00 – 07:00)	40	52	29-42
		Early Morning (04:00 – 07:00 hours)	43	-	38-42
		Daytime (07:00 – 23:00)	44	-	35-45
	23/11/2024	Night-time (23:00 – 07:00)	40	52	23-42
		Early Morning (04:00 – 07:00 hours)	42	-	26-42
		Daytime (07:00 – 23:00)	56	-	43-55
	24/11/2024	Night-time (23:00 – 07:00)	-	-	-
		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	56	-	46-55
	25/11/2024	Night-time (23:00 – 07:00)	43	54	30-48
		Early Morning (04:00 – 07:00 hours)	43	-	34-44
Daytime (07:00 – 23:00)		45	-	40-45	
MP46	19/11/2024	Daytime (07:00 – 23:00)	53	-	39-52
		Night-time (23:00 – 07:00)	45	57	35-44
	20/11/2024	Early Morning (04:00 – 07:00 hours)	45	-	35-44
		Daytime (07:00 – 23:00)	50	-	32-51
	21/11/2024	Night-time (23:00 – 07:00)	43	52	24-48
		Early Morning (04:00 – 07:00 hours)	46	-	30-48
		Daytime (07:00 – 23:00)	49	-	36-50
	22/11/2024	Night-time (23:00 – 07:00)	47	60	27-48
		Early Morning (04:00 – 07:00 hours)	50	-	41-48
		Daytime (07:00 – 23:00)	50	-	39-49
	23/11/2024	Night-time (23:00 – 07:00)	45	57	20-46
		Early Morning (04:00 – 07:00 hours)	47	-	26-46
		Daytime (07:00 – 23:00)	60	-	47-59
	24/11/2024	Night-time (23:00 – 07:00)	-	-	-
		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	62	-	50-61
	25/11/2024	Night-time (23:00 – 07:00)	50	61	35-54
		Early Morning (04:00 – 07:00 hours)	52	-	40-51
Daytime (07:00 – 23:00)		53	-	48-52	
MP47	19/11/2024	Daytime (07:00 – 23:00)	42	-	33-43



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level dB		
			<i>L</i> _{Aeq,T}	Typical <i>L</i> _{AFMax}	<i>L</i> _{A90,15minutes} Range
	20/11/2024	Night-time (23:00 – 07:00)	39	54	30-38
		Early Morning (04:00 – 07:00 hours)	37	-	30-36
		Daytime (07:00 – 23:00)	44	-	28-43
	21/11/2024	Night-time (23:00 – 07:00)	36	48	25-42
		Early Morning (04:00 – 07:00 hours)	39	-	27-42
		Daytime (07:00 – 23:00)	44	-	31-44
	22/11/2024	Night-time (23:00 – 07:00)	40	51	27-41
		Early Morning (04:00 – 07:00 hours)	43	-	36-41
		Daytime (07:00 – 23:00)	43	-	34-43
	23/11/2024	Night-time (23:00 – 07:00)	39	53	21-41
		Early Morning (04:00 – 07:00 hours)	42	-	23-41
		Daytime (07:00 – 23:00)	59	-	41-58
	24/11/2024	Night-time (23:00 – 07:00)	-	-	-
		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	63	-	49-62
25/11/2024	Night-time (23:00 – 07:00)	46	55	30-50	
	Early Morning (04:00 – 07:00 hours)	46	-	37-44	
	Daytime (07:00 – 23:00)	47	-	40-45	
MP48	20/11/2024	Daytime (07:00 – 23:00)	45	-	32-42
		Night-time (23:00 – 07:00)	36	46	30-42
	21/11/2024	Early Morning (04:00 – 07:00 hours)	39	-	30-42
		Daytime (07:00 – 23:00)	43	-	33-43
	22/11/2024	Night-time (23:00 – 07:00)	44	57	29-44
		Early Morning (04:00 – 07:00 hours)	48	-	37-44
		Daytime (07:00 – 23:00)	48	-	34-47
	23/11/2024	Night-time (23:00 – 07:00)	43	56	22-44
		Early Morning (04:00 – 07:00 hours)	46	-	24-44
		Daytime (07:00 – 23:00)	54	-	44-53
	24/11/2024	Night-time (23:00 – 07:00)	-	-	-
		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	53	-	44-53
	25/11/2024	Night-time (23:00 – 07:00)	45	55	32-49
		Early Morning (04:00 – 07:00 hours)	46	-	34-47
	25/11/2024	Daytime (07:00 – 23:00)	48	-	42-48
MP49	20/11/2024	Daytime (07:00 – 23:00)	41	-	28-38
		Night-time (23:00 – 07:00)	34	48	27-38
	21/11/2024	Early Morning (04:00 – 07:00 hours)	36	-	28-38
		Daytime (07:00 – 23:00)	44	-	30-42
	22/11/2024	Night-time (23:00 – 07:00)	39	53	29-40
		Early Morning (04:00 – 07:00 hours)	43	-	35-40
		Daytime (07:00 – 23:00)	44	-	30-47
	23/11/2024	Night-time (23:00 – 07:00)	37	50	22-41
		Early Morning (04:00 – 07:00 hours)	40	-	23-41



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level dB			
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range	
		Daytime (07:00 – 23:00)	52	-	41-52	
		Night-time (23:00 – 07:00)	-	-	-	
	24/11/2024	Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	54	-	45-56	
	25/11/2024	Night-time (23:00 – 07:00)	43	60	32-49	
		Early Morning (04:00 – 07:00 hours)	43	-	36-41	
		Daytime (07:00 – 23:00)	48	-	37-44	
	MP50	22/01/2025	Daytime (07:00 – 23:00)	59	-	35-58
			Night-time (23:00 – 07:00)	52	66	19-50
		21/01/2025	Early Morning (04:00 – 07:00 hours)	55	-	22-50
Daytime (07:00 – 23:00)			57	-	33-55	
Night-time (23:00 – 07:00)			53	65	22-55	
23/01/2025		Early Morning (04:00 – 07:00 hours)	56	-	26-55	
		Daytime (07:00 – 23:00)	61	-	40-61	
		Night-time (23:00 – 07:00)	54	73	31-51	
24/01/2025		Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	58	-	35-52	
		Night-time (23:00 – 07:00)	-	-	-	
25/01/2025		Early Morning (04:00 – 07:00 hours)	48	-	28-40	
		Daytime (07:00 – 23:00)	58	-	38-58	
		Night-time (23:00 – 07:00)	54	71	20-42	
26/01/2025		Early Morning (04:00 – 07:00 hours)	55	-	21-38	
		Daytime (07:00 – 23:00)	62	-	35-59	
		Night-time (23:00 – 07:00)	55	73	37-48	
27/01/2025		Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	61	-	47-60	
		Night-time (23:00 – 07:00)	-	-	-	
28/01/2025		Early Morning (04:00 – 07:00 hours)	60	-	46-57	
		Daytime (07:00 – 23:00)	63	-	35-58	



Appendix 12.1 Baseline Sound Survey Report

3.4 Parcel Group 3

Table 14. Summary of Sound Survey Results Parcel Group 3

Location	Date	Period, T	Measured Sound Level dB		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP38	26/11/2024	Daytime (07:00 – 23:00)	36	-	20-31
		Night-time (23:00 – 07:00)	37	35	19-42
	27/11/2024	Early Morning (04:00 – 07:00 hours)	41	-	31-42
		Daytime (07:00 – 23:00)	49	-	25-48
		Night-time (23:00 – 07:00)	35	31	20-33
	28/11/2024	Early Morning (04:00 – 07:00 hours)	32	-	21-33
		Daytime (07:00 – 23:00)	42	-	22-38
		Night-time (23:00 – 07:00)	34	32	21-29
	29/11/2024	Early Morning (04:00 – 07:00 hours)	38	-	22-29
		Daytime (07:00 – 23:00)	38	-	26-35
		Night-time (23:00 – 07:00)	29	40	23-28
	30/11/2024	Early Morning (04:00 – 07:00 hours)	29	-	23-26
		Daytime (07:00 – 23:00)	34	-	24-33
		Night-time (23:00 – 07:00)	35	35	23-37
	01/12/2024	Early Morning (04:00 – 07:00 hours)	38	-	29-37
		Daytime (07:00 – 23:00)	37	-	25-35
		Night-time (23:00 – 07:00)	31	33	22-28
	02/12/2024	Early Morning (04:00 – 07:00 hours)	33	-	23-28
Daytime (07:00 – 23:00)		53	-	29-34	
MP39	26/11/2024	Daytime (07:00 – 23:00)	36	-	17-36
		Night-time (23:00 – 07:00)	39	37	17-45
	27/11/2024	Early Morning (04:00 – 07:00 hours)	43	-	36-45
		Daytime (07:00 – 23:00)	50	-	27-52
		Night-time (23:00 – 07:00)	32	36	20-29
	28/11/2024	Early Morning (04:00 – 07:00 hours)	30	-	21-29
		Daytime (07:00 – 23:00)	40	-	17-36
		Night-time (23:00 – 07:00)	32	28	17-27
	29/11/2024	Early Morning (04:00 – 07:00 hours)	36	-	19-27
		Daytime (07:00 – 23:00)	39	-	25-39
		Night-time (23:00 – 07:00)	30	36	23-30
	30/11/2024	Early Morning (04:00 – 07:00 hours)	30	-	23-30
		Daytime (07:00 – 23:00)	38	-	24-41
		Night-time (23:00 – 07:00)	40	34	22-42
	01/12/2024	Early Morning (04:00 – 07:00 hours)	42	-	36-42
		Daytime (07:00 – 23:00)	42	-	28-42
		Night-time (23:00 – 07:00)	39	41	24-38
	02/12/2024	Early Morning (04:00 – 07:00 hours)	39	-	30-38
Daytime (07:00 – 23:00)		51	-	31-41	
MP40	26/11/2024	Daytime (07:00 – 23:00)	49	-	20-35



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level dB		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
		Night-time (23:00 – 07:00)	39	28	17-43
	27/11/2024	Early Morning (04:00 – 07:00 hours)	43	-	32-43
		Daytime (07:00 – 23:00)	50	-	25-49
		Night-time (23:00 – 07:00)	29	28	20-29
	28/11/2024	Early Morning (04:00 – 07:00 hours)	28	-	21-29
		Daytime (07:00 – 23:00)	40	-	19-36
		Night-time (23:00 – 07:00)	28	34	20-26
	29/11/2024	Early Morning (04:00 – 07:00 hours)	29	-	23-26
		Daytime (07:00 – 23:00)	48	-	27-36
		Night-time (23:00 – 07:00)	29	39	22-28
	30/11/2024	Early Morning (04:00 – 07:00 hours)	30	-	22-26
		Daytime (07:00 – 23:00)	40	-	23-31
		Night-time (23:00 – 07:00)	37	33	23-39
	01/12/2024	Early Morning (04:00 – 07:00 hours)	40	-	32-39
		Daytime (07:00 – 23:00)	39	-	24-35
		Night-time (23:00 – 07:00)	30	43	22-26
	02/12/2024	Early Morning (04:00 – 07:00 hours)	33	-	23-26
		Daytime (07:00 – 23:00)	50	-	28-33



Appendix 12.1 Baseline Sound Survey Report

3.5 Parcel Group 4

Table 15. Summary of Sound Survey Results Parcel Group 4

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP25	26/11/2024	Daytime (07:00 – 23:00)	55	-	43-56
		Night-time (23:00 – 07:00)	49	60	19-52
	27/11/2024	Early Morning (04:00 – 07:00 hours)	52	-	36-52
		Daytime (07:00 – 23:00)	59	-	37-59
		Night-time (23:00 – 07:00)	52	57	26-53
	28/11/2024	Early Morning (04:00 – 07:00 hours)	53	-	28-53
		Daytime (07:00 – 23:00)	56	-	39-57
		Night-time (23:00 – 07:00)	51	54	22-55
	29/11/2024	Early Morning (04:00 – 07:00 hours)	54	-	30-55
		Daytime (07:00 – 23:00)	55	-	43-57
		Night-time (23:00 – 07:00)	47	57	23-43
	30/11/2024	Early Morning (04:00 – 07:00 hours)	47	-	23-43
		Daytime (07:00 – 23:00)	54	-	40-54
		Night-time (23:00 – 07:00)	46	58	25-42
	01/12/2024	Early Morning (04:00 – 07:00 hours)	46	-	34-41
		Daytime (07:00 – 23:00)	54	-	35-54
		Night-time (23:00 – 07:00)	49	55	23-52
	02/12/2024	Early Morning (04:00 – 07:00 hours)	52	-	28-52
Daytime (07:00 – 23:00)		58	-	48-56	
MP26	26/11/2024	Daytime (07:00 – 23:00)	54	-	34-51
		Night-time (23:00 – 07:00)	51	65	20-53
	27/11/2024	Early Morning (04:00 – 07:00 hours)	54	-	46-53
		Daytime (07:00 – 23:00)	57	-	30-55
		Night-time (23:00 – 07:00)	48	64	23-42
	28/11/2024	Early Morning (04:00 – 07:00 hours)	50	-	27-42
		Daytime (07:00 – 23:00)	54	-	33-52
		Night-time (23:00 – 07:00)	48	64	22-48
	29/11/2024	Early Morning (04:00 – 07:00 hours)	50	-	31-48
		Daytime (07:00 – 23:00)	55	-	38-51
		Night-time (23:00 – 07:00)	44	63	23-39
	30/11/2024	Early Morning (04:00 – 07:00 hours)	45	-	23-38
		Daytime (07:00 – 23:00)	52	-	37-46
		Night-time (23:00 – 07:00)	45	62	25-42
	01/12/2024	Early Morning (04:00 – 07:00 hours)	45	-	35-42
		Daytime (07:00 – 23:00)	52	-	32-54
		Night-time (23:00 – 07:00)	46	63	24-40
	02/12/2024	Early Morning (04:00 – 07:00 hours)	50	-	27-40
Daytime (07:00 – 23:00)		56	-	38-48	
MP27	26/11/2024	Daytime (07:00 – 23:00)	48	-	34-41



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
		Night-time (23:00 – 07:00)	42	52	25-46
	27/11/2024	Early Morning (04:00 – 07:00 hours)	45	-	36-46
		Daytime (07:00 – 23:00)	53	-	30-51
		Night-time (23:00 – 07:00)	42	40	25-39
	28/11/2024	Early Morning (04:00 – 07:00 hours)	42	-	27-39
		Daytime (07:00 – 23:00)	46	-	32-46
		Night-time (23:00 – 07:00)	42	52	28-46
	29/11/2024	Early Morning (04:00 – 07:00 hours)	45	-	31-46
		Daytime (07:00 – 23:00)	47	-	37-48
		Night-time (23:00 – 07:00)	37	44	28-39
	30/11/2024	Early Morning (04:00 – 07:00 hours)	37	-	28-36
		Daytime (07:00 – 23:00)	45	-	35-47
		Night-time (23:00 – 07:00)	40	51	31-39
	01/12/2024	Early Morning (04:00 – 07:00 hours)	42	-	35-39
		Daytime (07:00 – 23:00)	44	-	33-46
		Night-time (23:00 – 07:00)	36	43	30-37
	02/12/2024	Early Morning (04:00 – 07:00 hours)	38	-	31-37
		Daytime (07:00 – 23:00)	55	-	38-43
MP28	26/11/2024	Daytime (07:00 – 23:00)	56	-	45-55
		Night-time (23:00 – 07:00)	52	56	22-55
	27/11/2024	Early Morning (04:00 – 07:00 hours)	56	-	34-55
		Daytime (07:00 – 23:00)	56	-	38-56
		Night-time (23:00 – 07:00)	49	60	24-52
	28/11/2024	Early Morning (04:00 – 07:00 hours)	51	-	28-52
		Daytime (07:00 – 23:00)	55	-	43-56
		Night-time (23:00 – 07:00)	54	70	26-57
	29/11/2024	Early Morning (04:00 – 07:00 hours)	56	-	32-57
		Daytime (07:00 – 23:00)	58	-	43-59
		Night-time (23:00 – 07:00)	50	64	26-45
	30/11/2024	Early Morning (04:00 – 07:00 hours)	51	-	26-42
		Daytime (07:00 – 23:00)	56	-	42-55
		Night-time (23:00 – 07:00)	50	64	29-41
	01/12/2024	Early Morning (04:00 – 07:00 hours)	50	-	34-40
		Daytime (07:00 – 23:00)	57	-	35-56
		Night-time (23:00 – 07:00)	51	61	26-51
	02/12/2024	Early Morning (04:00 – 07:00 hours)	54	-	30-51
		Daytime (07:00 – 23:00)	57	-	44-54
MP29	26/11/2024	Daytime (07:00 – 23:00)	52	-	42-53
		Night-time (23:00 – 07:00)	47	48	22-51
	27/11/2024	Early Morning (04:00 – 07:00 hours)	50	-	41-51
		Daytime (07:00 – 23:00)	55	-	38-55
		Night-time (23:00 – 07:00)	54	60	25-51
	28/11/2024	Early Morning (04:00 – 07:00 hours)	49	-	30-51



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
		Daytime (07:00 – 23:00)	51	-	37-53
		Night-time (23:00 – 07:00)	46	57	25-50
	29/11/2024	Early Morning (04:00 – 07:00 hours)	48	-	30-50
		Daytime (07:00 – 23:00)	52	-	41-52
		Night-time (23:00 – 07:00)	44	55	25-41
	30/11/2024	Early Morning (04:00 – 07:00 hours)	45	-	25-41
		Daytime (07:00 – 23:00)	52	-	38-50
		Night-time (23:00 – 07:00)	46	51	26-45
	01/12/2024	Early Morning (04:00 – 07:00 hours)	49	-	35-45
		Daytime (07:00 – 23:00)	52	-	35-52
		Night-time (23:00 – 07:00)	46	55	26-50
	02/12/2024	Early Morning (04:00 – 07:00 hours)	49	-	31-50
		Daytime (07:00 – 23:00)	56	-	47-52
MP30	21/01/2025	Daytime (07:00 – 23:00)	38	-	23-39
		Night-time (23:00 – 07:00)	34	45	18-40
	22/01/2025	Early Morning (04:00 – 07:00 hours)	38	-	20-40
		Daytime (07:00 – 23:00)	48	-	32-45
		Night-time (23:00 – 07:00)	40	54	22-42
	23/01/2025	Early Morning (04:00 – 07:00 hours)	42	-	25-42
		Daytime (07:00 – 23:00)	52	-	36-51
		Night-time (23:00 – 07:00)	41	70	30-42
	24/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	41	-	33-42
		Night-time (23:00 – 07:00)	40	53	28-41
	25/01/2025	Early Morning (04:00 – 07:00 hours)	42	-	28-41
		Daytime (07:00 – 23:00)	45	-	33-46
		Night-time (23:00 – 07:00)	36	52	24-34
	26/01/2025	Early Morning (04:00 – 07:00 hours)	35	-	26-32
		Daytime (07:00 – 23:00)	42	-	33-43
		Night-time (23:00 – 07:00)	47	67	33-46
	27/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	50	-	37-49
		Night-time (23:00 – 07:00)	44	59	35-41
	28/01/2025	Early Morning (04:00 – 07:00 hours)	44	-	37-41
		Daytime (07:00 – 23:00)	48	-	23-39
MP51	21/01/2025	Daytime (07:00 – 23:00)	45	-	22-45
		Night-time (23:00 – 07:00)	36	46	17-42
	22/01/2025	Early Morning (04:00 – 07:00 hours)	40	-	19-42
		Daytime (07:00 – 23:00)	49	-	28-47
		Night-time (23:00 – 07:00)	40	54	21-43
	23/01/2025	Early Morning (04:00 – 07:00 hours)	43	-	25-43
		Daytime (07:00 – 23:00)	51	-	34-51
		Night-time (23:00 – 07:00)	40	60	27-43



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
24/01/2025		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	41	-	32-42
		Night-time (23:00 – 07:00)	-	-	-
25/01/2025		Early Morning (04:00 – 07:00 hours)	42	-	25-41
		Daytime (07:00 – 23:00)	46	-	32-46
		Night-time (23:00 – 07:00)	36	51	25-34
26/01/2025		Early Morning (04:00 – 07:00 hours)	35	-	25-32
		Daytime (07:00 – 23:00)	44	-	31-43
		Night-time (23:00 – 07:00)	42	57	32-42
27/01/2025		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	46	-	37-49
		Night-time (23:00 – 07:00)	-	-	-
28/01/2025		Early Morning (04:00 – 07:00 hours)	42	-	37-42
		Daytime (07:00 – 23:00)	49	-	41-48



Appendix 12.1 Baseline Sound Survey Report

3.6 Parcel Group 5

Table 16. Summary of Sound Survey Results Parcel Group 5

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP31	03/12/2024	Daytime (07:00 – 23:00)	46	-	23-40
		Night-time (23:00 – 07:00)	36	37	19-38
	04/12/2024	Early Morning (04:00 – 07:00 hours)	39	-	24-38
		Daytime (07:00 – 23:00)	53	-	26-42
		Night-time (23:00 – 07:00)	43	58	30-42
	05/12/2024	Early Morning (04:00 – 07:00 hours)	44	-	38-42
		Daytime (07:00 – 23:00)	48	-	34-40
		Night-time (23:00 – 07:00)	-	-	-
	06/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	46	-	28-43
		Night-time (23:00 – 07:00)	46	61	36-46
	07/12/2024	Early Morning (04:00 – 07:00 hours)	48	-	39-44
		Daytime (07:00 – 23:00)	48	-	39-46
		Night-time (23:00 – 07:00)	-	-	-
	08/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	50	-	33-46
		Night-time (23:00 – 07:00)	42	53	26-39
	09/12/2024	Early Morning (04:00 – 07:00 hours)	44	-	28-39
		Daytime (07:00 – 23:00)	52	-	37-44
	MP32	03/12/2024	Daytime (07:00 – 23:00)	50	-
Night-time (23:00 – 07:00)			34	36	22-35
04/12/2024		Early Morning (04:00 – 07:00 hours)	37	-	28-35
		Daytime (07:00 – 23:00)	53	-	26-46
		Night-time (23:00 – 07:00)	42	54	31-43
05/12/2024		Early Morning (04:00 – 07:00 hours)	44	-	40-43
		Daytime (07:00 – 23:00)	49	-	34-44
		Night-time (23:00 – 07:00)	-	-	-
06/12/2024		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	42	-	29-42
		Night-time (23:00 – 07:00)	47	55	39-47
07/12/2024		Early Morning (04:00 – 07:00 hours)	48	-	42-47
		Daytime (07:00 – 23:00)	50	-	40-48
		Night-time (23:00 – 07:00)	-	-	-
08/12/2024		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	46	-	35-46
		Night-time (23:00 – 07:00)	42	56	28-41
09/12/2024		Early Morning (04:00 – 07:00 hours)	42	-	29-41
		Daytime (07:00 – 23:00)	54	-	38-46
MP33		03/12/2024	Daytime (07:00 – 23:00)	47	-



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
		Night-time (23:00 – 07:00)	37	45	20-39
	04/12/2024	Early Morning (04:00 – 07:00 hours)	40	-	27-39
		Daytime (07:00 – 23:00)	53	-	32-44
		Night-time (23:00 – 07:00)	49	61	33-45
	05/12/2024	Early Morning (04:00 – 07:00 hours)	49	-	40-45
		Daytime (07:00 – 23:00)	49	-	39-45
		Night-time (23:00 – 07:00)	-	-	-
	06/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	48	-	34-47
		Night-time (23:00 – 07:00)	55	71	42-49
	07/12/2024	Early Morning (04:00 – 07:00 hours)	54	-	44-49
		Daytime (07:00 – 23:00)	54	-	44-50
		Night-time (23:00 – 07:00)	-	-	-
	08/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	51	-	33-49
		Night-time (23:00 – 07:00)	45	57	28-45
	09/12/2024	Early Morning (04:00 – 07:00 hours)	47	-	30-45
		Daytime (07:00 – 23:00)	54	-	44-50
MP34	03/12/2024	Daytime (07:00 – 23:00)	46	-	24-45
		Night-time (23:00 – 07:00)	38	46	20-38
	04/12/2024	Early Morning (04:00 – 07:00 hours)	41	-	27-38
		Daytime (07:00 – 23:00)	53	-	32-45
		Night-time (23:00 – 07:00)	52	59	37-50
	05/12/2024	Early Morning (04:00 – 07:00 hours)	53	-	44-50
		Daytime (07:00 – 23:00)	50	-	39-49
		Night-time (23:00 – 07:00)	-	-	-
	06/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	48	-	33-49
		Night-time (23:00 – 07:00)	56	71	45-52
	07/12/2024	Early Morning (04:00 – 07:00 hours)	56	-	45-51
		Daytime (07:00 – 23:00)	55	-	44-53
		Night-time (23:00 – 07:00)	-	-	-
	08/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	48	-	33-48
		Night-time (23:00 – 07:00)	41	54	28-40
	09/12/2024	Early Morning (04:00 – 07:00 hours)	44	-	28-40
		Daytime (07:00 – 23:00)	51	-	40-47



Appendix 12.1 Baseline Sound Survey Report

3.7 Parcel Group 6

Table 17. Summary of Sound Survey Results Parel Group 6

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP35	03/12/2024	Daytime (07:00 – 23:00)	55	-	21-58
		Night-time (23:00 – 07:00)	37	44	19-34
	04/12/2024	Early Morning (04:00 – 07:00 hours)	40	-	22-34
		Daytime (07:00 – 23:00)	51	-	28-48
		Night-time (23:00 – 07:00)	49	61	29-46
	05/12/2024	Early Morning (04:00 – 07:00 hours)	51	-	39-46
		Daytime (07:00 – 23:00)	51	-	38-49
		Night-time (23:00 – 07:00)	-	-	-
	06/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	47	-	30-49
		Night-time (23:00 – 07:00)	56	70	39-54
	07/12/2024	Early Morning (04:00 – 07:00 hours)	59	-	45-54
		Daytime (07:00 – 23:00)	57	-	45-53
		Night-time (23:00 – 07:00)	-	-	-
	08/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	47	-	29-44
		Night-time (23:00 – 07:00)	40	39	29-36
	09/12/2024	Early Morning (04:00 – 07:00 hours)	43	-	30-36
Daytime (07:00 – 23:00)		51	-	36-50	
MP36	03/12/2024	Daytime (07:00 – 23:00)	43	-	21-41
		Night-time (23:00 – 07:00)	32	58	18-33
	04/12/2024	Early Morning (04:00 – 07:00 hours)	35	-	23-33
		Daytime (07:00 – 23:00)	49	-	27-40
		Night-time (23:00 – 07:00)	44	48	28-45
	05/12/2024	Early Morning (04:00 – 07:00 hours)	47	-	39-45
		Daytime (07:00 – 23:00)	48	-	35-46
		Night-time (23:00 – 07:00)	-	-	-
	06/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	46	-	29-44
		Night-time (23:00 – 07:00)	49	61	39-48
	07/12/2024	Early Morning (04:00 – 07:00 hours)	51	-	41-48
		Daytime (07:00 – 23:00)	50	-	41-49
		Night-time (23:00 – 07:00)	-	-	-
	08/12/2024	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	51	-	35-50
		Night-time (23:00 – 07:00)	45	53	33-44
	09/12/2024	Early Morning (04:00 – 07:00 hours)	45	-	33-42
Daytime (07:00 – 23:00)		51	-	41-48	
MP37	03/12/2024	Daytime (07:00 – 23:00)	43	-	23-48
		Night-time (23:00 – 07:00)	33	65	23-32



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
04/12/2024		Early Morning (04:00 – 07:00 hours)	33	-	25-32
		Daytime (07:00 – 23:00)	49	-	28-40
		Night-time (23:00 – 07:00)	52	62	34-50
05/12/2024		Early Morning (04:00 – 07:00 hours)	53	-	43-50
		Daytime (07:00 – 23:00)	49	-	34-45
		Night-time (23:00 – 07:00)	-	-	-
06/12/2024		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	45	-	28-45
		Night-time (23:00 – 07:00)	54	68	39-51
07/12/2024		Early Morning (04:00 – 07:00 hours)	53	-	43-46
		Daytime (07:00 – 23:00)	51	-	39-48
		Night-time (23:00 – 07:00)	-	-	-
08/12/2024		Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	53	-	35-52
		Night-time (23:00 – 07:00)	46	58	33-44
09/12/2024		Early Morning (04:00 – 07:00 hours)	45	-	33-43
		Daytime (07:00 – 23:00)	51	-	40-47



Appendix 12.1 Baseline Sound Survey Report

3.8 Parcel Group 7

Table 18. Summary of Sound Survey Results Parcel Group 7

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP14	21/01/2025	Daytime (07:00 – 23:00)	34	-	18-30
		Night-time (23:00 – 07:00)	28	41	16-32
	22/01/2025	Early Morning (04:00 – 07:00 hours)	31	-	17-32
		Daytime (07:00 – 23:00)	44	-	20-32
		Night-time (23:00 – 07:00)	32	43	18-31
	23/01/2025	Early Morning (04:00 – 07:00 hours)	28	-	19-27
		Daytime (07:00 – 23:00)	46	-	27-44
		Night-time (23:00 – 07:00)	42	61	20-46
	24/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	30	-	23-31
		Night-time (23:00 – 07:00)	32	46	20-31
	25/01/2025	Early Morning (04:00 – 07:00 hours)	35	-	20-31
		Daytime (07:00 – 23:00)	39	-	17-35
		Night-time (23:00 – 07:00)	24	40	16-26
	26/01/2025	Early Morning (04:00 – 07:00 hours)	27	-	16-26
		Daytime (07:00 – 23:00)	43	-	27-46
		Night-time (23:00 – 07:00)	48	78	33-49
	27/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	44	-	33-43
		Night-time (23:00 – 07:00)	45	55	38-43
	28/01/2025	Early Morning (04:00 – 07:00 hours)	47	-	39-43
MP15	21/01/2025	Daytime (07:00 – 23:00)	47	-	19-33
		Night-time (23:00 – 07:00)	39	50	17-40
	22/01/2025	Early Morning (04:00 – 07:00 hours)	42	-	18-40
		Daytime (07:00 – 23:00)	50	-	23-34
		Night-time (23:00 – 07:00)	35	47	20-29
	23/01/2025	Early Morning (04:00 – 07:00 hours)	38	-	20-27
		Daytime (07:00 – 23:00)	51	-	29-48
		Night-time (23:00 – 07:00)	45	69	21-45
	24/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	43	-	23-33
		Night-time (23:00 – 07:00)	38	53	22-33
	25/01/2025	Early Morning (04:00 – 07:00 hours)	41	-	23-33
		Daytime (07:00 – 23:00)	49	-	18-36
		Night-time (23:00 – 07:00)	31	49	16-29
	26/01/2025	Early Morning (04:00 – 07:00 hours)	35	-	17-29
		Daytime (07:00 – 23:00)	47	-	29-44
		Night-time (23:00 – 07:00)	51	65	33-52
	27/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	50	-	33-45



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level			
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range	
		Night-time (23:00 – 07:00)	48	61	35-45	
	28/01/2025	Early Morning (04:00 – 07:00 hours)	47	-	35-41	
		Daytime (07:00 – 23:00)	59	-	30-49	
MP16	21/01/2025	Daytime (07:00 – 23:00)	40	-	18-42	
		Night-time (23:00 – 07:00)	28	43	16-31	
	22/01/2025	Early Morning (04:00 – 07:00 hours)	31	-	17-31	
		Daytime (07:00 – 23:00)	46	-	18-39	
		Night-time (23:00 – 07:00)	27	42	17-30	
	23/01/2025	Early Morning (04:00 – 07:00 hours)	29	-	19-30	
		Daytime (07:00 – 23:00)	47	-	29-49	
		Night-time (23:00 – 07:00)	46	71	21-45	
	24/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	35	-	26-33	
		Night-time (23:00 – 07:00)	34	51	21-33	
	25/01/2025	Early Morning (04:00 – 07:00 hours)	31	-	21-26	
		Daytime (07:00 – 23:00)	41	-	20-32	
		Night-time (23:00 – 07:00)	28	43	16-29	
	26/01/2025	Early Morning (04:00 – 07:00 hours)	30	-	16-29	
		Daytime (07:00 – 23:00)	45	-	28-45	
		Night-time (23:00 – 07:00)	49	65	32-47	
	27/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	49	-	35-47	
		Night-time (23:00 – 07:00)	48	62	36-44	
	28/01/2025	Early Morning (04:00 – 07:00 hours)	47	-	36-42	
		Daytime (07:00 – 23:00)	51	-	32-48	
	MP17	21/01/2025	Daytime (07:00 – 23:00)	36	-	20-33
			Night-time (23:00 – 07:00)	37	45	18-29
		22/01/2025	Early Morning (04:00 – 07:00 hours)	38	-	19-29
			Daytime (07:00 – 23:00)	47	-	20-32
			Night-time (23:00 – 07:00)	38	51	20-34
23/01/2025		Early Morning (04:00 – 07:00 hours)	42	-	24-34	
		Daytime (07:00 – 23:00)	47	-	31-46	
		Night-time (23:00 – 07:00)	36	66	22-40	
24/01/2025		Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	35	-	27-37	
		Night-time (23:00 – 07:00)	39	54	22-29	
25/01/2025		Early Morning (04:00 – 07:00 hours)	43	-	22-29	
		Daytime (07:00 – 23:00)	46	-	23-36	
		Night-time (23:00 – 07:00)	38	62	17-26	
26/01/2025		Early Morning (04:00 – 07:00 hours)	42	-	17-26	
		Daytime (07:00 – 23:00)	40	-	28-41	
		Night-time (23:00 – 07:00)	41	66	30-43	
27/01/2025		Early Morning (04:00 – 07:00 hours)	-	-	-	



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level			
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range	
		Daytime (07:00 – 23:00)	42	-	34-44	
		Night-time (23:00 – 07:00)	41	62	33-39	
	28/01/2025	Early Morning (04:00 – 07:00 hours)	43	-	33-36	
		Daytime (07:00 – 23:00)	48	-	31-43	
MP18	10/12/2024	Daytime (07:00 – 23:00)	47	-	21-38	
		Night-time (23:00 – 07:00)	32	41	19-27	
	11/12/2024	Early Morning (04:00 – 07:00 hours)	30	-	19-27	
		Daytime (07:00 – 23:00)	49	-	21-37	
	12/12/2024	Night-time (23:00 – 07:00)	29	40	18-27	
		Early Morning (04:00 – 07:00 hours)	32	-	18-27	
		Daytime (07:00 – 23:00)	41	-	18-37	
	13/12/2024	Night-time (23:00 – 07:00)	27	34	15-24	
		Early Morning (04:00 – 07:00 hours)	29	-	16-24	
		Daytime (07:00 – 23:00)	39	-	23-38	
	14/12/2024	Night-time (23:00 – 07:00)	29	43	21-30	
		Early Morning (04:00 – 07:00 hours)	31	-	23-30	
		Daytime (07:00 – 23:00)	43	-	31-39	
	15/12/2024	Night-time (23:00 – 07:00)	35	48	26-34	
		Early Morning (04:00 – 07:00 hours)	37	-	28-34	
		Daytime (07:00 – 23:00)	44	-	30-42	
	16/12/2024	Night-time (23:00 – 07:00)	50	58	32-48	
		Early Morning (04:00 – 07:00 hours)	52	-	38-48	
			Daytime (07:00 – 23:00)	59	-	38-44
	MP19	10/12/2024	Daytime (07:00 – 23:00)	53	-	22-46
Night-time (23:00 – 07:00)			45	54	21-36	
11/12/2024		Early Morning (04:00 – 07:00 hours)	38	-	21-26	
		Daytime (07:00 – 23:00)	53	-	20-39	
12/12/2024		Night-time (23:00 – 07:00)	37	36	19-28	
		Early Morning (04:00 – 07:00 hours)	40	-	20-28	
		Daytime (07:00 – 23:00)	47	-	18-41	
13/12/2024		Night-time (23:00 – 07:00)	32	34	17-24	
		Early Morning (04:00 – 07:00 hours)	35	-	17-24	
		Daytime (07:00 – 23:00)	45	-	24-38	
14/12/2024		Night-time (23:00 – 07:00)	32	50	21-28	
		Early Morning (04:00 – 07:00 hours)	33	-	22-28	
		Daytime (07:00 – 23:00)	46	-	30-39	
15/12/2024		Night-time (23:00 – 07:00)	34	50	25-31	
		Early Morning (04:00 – 07:00 hours)	34	-	25-30	
		Daytime (07:00 – 23:00)	44	-	28-39	
16/12/2024		Night-time (23:00 – 07:00)	43	46	30-43	
		Early Morning (04:00 – 07:00 hours)	46	-	33-43	
			Daytime (07:00 – 23:00)	56	-	36-42
MP20		10/12/2024	Daytime (07:00 – 23:00)	51	-	23-39



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level			
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range	
		Night-time (23:00 – 07:00)	42	46	23-32	
	11/12/2024	Early Morning (04:00 – 07:00 hours)	29	-	23-28	
		Daytime (07:00 – 23:00)	49	-	22-35	
		Night-time (23:00 – 07:00)	27	47	20-28	
	12/12/2024	Early Morning (04:00 – 07:00 hours)	29	-	20-28	
		Daytime (07:00 – 23:00)	39	-	24-35	
		Night-time (23:00 – 07:00)	28	41	21-33	
	13/12/2024	Early Morning (04:00 – 07:00 hours)	30	-	22-33	
		Daytime (07:00 – 23:00)	39	-	27-37	
		Night-time (23:00 – 07:00)	30	44	24-31	
	14/12/2024	Early Morning (04:00 – 07:00 hours)	31	-	25-31	
		Daytime (07:00 – 23:00)	40	-	33-39	
		Night-time (23:00 – 07:00)	35	48	27-34	
	15/12/2024	Early Morning (04:00 – 07:00 hours)	36	-	27-34	
		Daytime (07:00 – 23:00)	44	-	31-43	
		Night-time (23:00 – 07:00)	50	63	33-48	
	16/12/2024	Early Morning (04:00 – 07:00 hours)	52	-	36-48	
		Daytime (07:00 – 23:00)	56	-	40-52	
MP21	10/12/2024	Daytime (07:00 – 23:00)	52	-	23-41	
		Night-time (23:00 – 07:00)	40	44	21-29	
	11/12/2024	Early Morning (04:00 – 07:00 hours)	26	-	21-29	
		Daytime (07:00 – 23:00)	47	-	24-33	
		Night-time (23:00 – 07:00)	35	53	24-33	
	12/12/2024	Early Morning (04:00 – 07:00 hours)	35	-	27-31	
		Daytime (07:00 – 23:00)	39	-	20-32	
		Night-time (23:00 – 07:00)	24	34	17-29	
	13/12/2024	Early Morning (04:00 – 07:00 hours)	26	-	17-29	
		Daytime (07:00 – 23:00)	40	-	24-40	
		Night-time (23:00 – 07:00)	31	42	21-33	
	14/12/2024	Early Morning (04:00 – 07:00 hours)	33	-	24-33	
		Daytime (07:00 – 23:00)	42	-	34-42	
		Night-time (23:00 – 07:00)	35	44	26-34	
	15/12/2024	Early Morning (04:00 – 07:00 hours)	35	-	27-34	
		Daytime (07:00 – 23:00)	42	-	32-41	
		Night-time (23:00 – 07:00)	46	52	33-45	
	16/12/2024	Early Morning (04:00 – 07:00 hours)	48	-	37-45	
		Daytime (07:00 – 23:00)	55	-	39-45	
	MP22	10/12/2024	Daytime (07:00 – 23:00)	55	-	29-44
			Night-time (23:00 – 07:00)	45	54	24-36
		11/12/2024	Early Morning (04:00 – 07:00 hours)	35	-	26-36
			Daytime (07:00 – 23:00)	49	-	29-38
			Night-time (23:00 – 07:00)	36	52	23-37
12/12/2024		Early Morning (04:00 – 07:00 hours)	37	-	24-37	



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
		Daytime (07:00 – 23:00)	43	-	23-39
		Night-time (23:00 – 07:00)	27	41	19-32
	13/12/2024	Early Morning (04:00 – 07:00 hours)	30	-	20-32
		Daytime (07:00 – 23:00)	44	-	29-42
		Night-time (23:00 – 07:00)	36	50	24-37
	14/12/2024	Early Morning (04:00 – 07:00 hours)	38	-	24-37
		Daytime (07:00 – 23:00)	46	-	36-45
		Night-time (23:00 – 07:00)	38	47	26-39
	15/12/2024	Early Morning (04:00 – 07:00 hours)	40	-	30-39
		Daytime (07:00 – 23:00)	47	-	37-46
		Night-time (23:00 – 07:00)	51	63	38-49
	16/12/2024	Early Morning (04:00 – 07:00 hours)	53	-	41-49
		Daytime (07:00 – 23:00)	55	-	44-48
MP23	10/12/2024	Daytime (07:00 – 23:00)	52	-	33-48
		Night-time (23:00 – 07:00)	41	53	26-44
	11/12/2024	Early Morning (04:00 – 07:00 hours)	42	-	26-44
		Daytime (07:00 – 23:00)	49	-	33-45
		Night-time (23:00 – 07:00)	40	53	23-45
	12/12/2024	Early Morning (04:00 – 07:00 hours)	44	-	25-45
		Daytime (07:00 – 23:00)	46	-	29-47
		Night-time (23:00 – 07:00)	33	46	19-36
	13/12/2024	Early Morning (04:00 – 07:00 hours)	35	-	22-36
		Daytime (07:00 – 23:00)	46	-	35-43
		Night-time (23:00 – 07:00)	37	49	19-37
	14/12/2024	Early Morning (04:00 – 07:00 hours)	38	-	20-37
		Daytime (07:00 – 23:00)	48	-	35-49
		Night-time (23:00 – 07:00)	38	52	23-38
	15/12/2024	Early Morning (04:00 – 07:00 hours)	38	-	25-35
		Daytime (07:00 – 23:00)	48	-	33-48
		Night-time (23:00 – 07:00)	45	58	30-48
	16/12/2024	Early Morning (04:00 – 07:00 hours)	48	-	36-48
		Daytime (07:00 – 23:00)	56	-	46-49
MP24	10/12/2024	Daytime (07:00 – 23:00)	51	-	29-45
		Night-time (23:00 – 07:00)	35	48	22-38
	11/12/2024	Early Morning (04:00 – 07:00 hours)	37	-	22-38
		Daytime (07:00 – 23:00)	46	-	30-42
		Night-time (23:00 – 07:00)	37	48	22-39
	12/12/2024	Early Morning (04:00 – 07:00 hours)	39	-	23-39
		Daytime (07:00 – 23:00)	43	-	22-42
		Night-time (23:00 – 07:00)	26	36	16-29
	13/12/2024	Early Morning (04:00 – 07:00 hours)	29	-	17-29
		Daytime (07:00 – 23:00)	49	-	30-42
		Night-time (23:00 – 07:00)	38	45	19-39



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
	14/12/2024	Early Morning (04:00 – 07:00 hours)	41	-	23-39
		Daytime (07:00 – 23:00)	48	-	36-48
		Night-time (23:00 – 07:00)	39	48	24-38
	15/12/2024	Early Morning (04:00 – 07:00 hours)	39	-	26-36
		Daytime (07:00 – 23:00)	47	-	33-47
		Night-time (23:00 – 07:00)	45	51	31-47
	16/12/2024	Early Morning (04:00 – 07:00 hours)	48	-	37-47
		Daytime (07:00 – 23:00)	57	-	45-49



Appendix 12.1 Baseline Sound Survey Report

3.9 Parcel Group 8

Table 19. Summary of Sound Survey Results Parcel Group 8

Location	Date	Period, T	Measured Sound Level dB			
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range	
MP10	21/01/2025	Daytime (07:00 – 23:00)	39	-	18-33	
		Night-time (23:00 – 07:00)	28	42	16-33	
	22/01/2025	Early Morning (04:00 – 07:00 hours)	32	-	17-33	
		Daytime (07:00 – 23:00)	44	-	18-32	
		Night-time (23:00 – 07:00)	27	41	18-30	
	23/01/2025	Early Morning (04:00 – 07:00 hours)	29	-	21-30	
		Daytime (07:00 – 23:00)	47	-	29-46	
		Night-time (23:00 – 07:00)	41	65	21-41	
	24/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	32	-	23-30	
		Night-time (23:00 – 07:00)	31	49	21-28	
	25/01/2025	Early Morning (04:00 – 07:00 hours)	32	-	21-27	
		Daytime (07:00 – 23:00)	38	-	20-33	
		Night-time (23:00 – 07:00)	28	42	16-24	
	26/01/2025	Early Morning (04:00 – 07:00 hours)	31	-	17-24	
		Daytime (07:00 – 23:00)	41	-	24-40	
		Night-time (23:00 – 07:00)	46	65	29-46	
	27/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	45	-	33-43	
		Night-time (23:00 – 07:00)	44	59	33-40	
	28/01/2025	Early Morning (04:00 – 07:00 hours)	42	-	33-38	
		Daytime (07:00 – 23:00)	48	-	30-44	
	MP11	21/01/2025	Daytime (07:00 – 23:00)	35	-	18-32
			Night-time (23:00 – 07:00)	29	44	15-35
22/01/2025		Early Morning (04:00 – 07:00 hours)	33	-	17-35	
		Daytime (07:00 – 23:00)	45	-	18-35	
		Night-time (23:00 – 07:00)	31	44	19-29	
23/01/2025		Early Morning (04:00 – 07:00 hours)	27	-	19-29	
		Daytime (07:00 – 23:00)	48	-	27-49	
		Night-time (23:00 – 07:00)	50	69	21-51	
24/01/2025		Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	32	-	24-29	
		Night-time (23:00 – 07:00)	35	48	22-34	
25/01/2025		Early Morning (04:00 – 07:00 hours)	36	-	22-29	
		Daytime (07:00 – 23:00)	38	-	17-34	
		Night-time (23:00 – 07:00)	25	40	15-28	
26/01/2025		Early Morning (04:00 – 07:00 hours)	29	-	16-28	
		Daytime (07:00 – 23:00)	48	-	28-48	
		Night-time (23:00 – 07:00)	52	64	36-52	
27/01/2025		Early Morning (04:00 – 07:00 hours)	-	-	-	



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level dB			
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range	
		Daytime (07:00 – 23:00)	50	-	33-47	
		Night-time (23:00 – 07:00)	51	63	37-48	
		28/01/2025	Early Morning (04:00 – 07:00 hours)	50	-	37-45
		Daytime (07:00 – 23:00)	56	-	40-50	
MP12	21/01/2025	Daytime (07:00 – 23:00)	40	-	19-32	
		Night-time (23:00 – 07:00)	41	57	16-31	
	22/01/2025	Early Morning (04:00 – 07:00 hours)	45	-	17-31	
		Daytime (07:00 – 23:00)	42	-	19-38	
	23/01/2025	Night-time (23:00 – 07:00)	37	55	17-33	
		Early Morning (04:00 – 07:00 hours)	41	-	18-33	
		Daytime (07:00 – 23:00)	45	-	20-35	
	24/01/2025	Night-time (23:00 – 07:00)	43	56	17-36	
		Early Morning (04:00 – 07:00 hours)	47	-	18-36	
		Daytime (07:00 – 23:00)	49	-	19-36	
	25/01/2025	Night-time (23:00 – 07:00)	40	62	17-36	
		Early Morning (04:00 – 07:00 hours)	45	-	18-36	
		Daytime (07:00 – 23:00)	48	-	21-43	
	26/01/2025	Night-time (23:00 – 07:00)	37	61	18-33	
		Early Morning (04:00 – 07:00 hours)	41	-	19-33	
		Daytime (07:00 – 23:00)	44	-	18-34	
	27/01/2025	Night-time (23:00 – 07:00)	41	63	17-43	
		Early Morning (04:00 – 07:00 hours)	45	-	18-43	
		Daytime (07:00 – 23:00)	42	-	22-34	
	28/01/2025	Night-time (23:00 – 07:00)	37	60	18-30	
		Early Morning (04:00 – 07:00 hours)	41	-	20-30	
			Daytime (07:00 – 23:00)	41	-	27-32
	MP13	21/01/2025	Daytime (07:00 – 23:00)	37	-	20-33
Night-time (23:00 – 07:00)			27	41	17-31	
22/01/2025		Early Morning (04:00 – 07:00 hours)	30	-	18-31	
		Daytime (07:00 – 23:00)	45	-	20-32	
23/01/2025		Night-time (23:00 – 07:00)	25	38	19-28	
		Early Morning (04:00 – 07:00 hours)	26	-	20-28	
		Daytime (07:00 – 23:00)	46	-	29-42	
24/01/2025		Night-time (23:00 – 07:00)	35	58	20-38	
		Early Morning (04:00 – 07:00 hours)	-	-	-	
		Daytime (07:00 – 23:00)	33	-	23-32	
25/01/2025		Night-time (23:00 – 07:00)	29	39	21-27	
		Early Morning (04:00 – 07:00 hours)	30	-	22-26	
		Daytime (07:00 – 23:00)	42	-	20-31	
26/01/2025		Night-time (23:00 – 07:00)	25	42	17-24	
		Early Morning (04:00 – 07:00 hours)	28	-	17-24	
		Daytime (07:00 – 23:00)	38	-	24-37	
			Night-time (23:00 – 07:00)	44	51	34-45



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level dB		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
	27/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	44	-	42-45
		Night-time (23:00 – 07:00)	42	51	39-42
	28/01/2025	Early Morning (04:00 – 07:00 hours)	41	-	39-40
		Daytime (07:00 – 23:00)	48	-	39-43



Appendix 12.1 Baseline Sound Survey Report

3.10 Parcel Group 9

Table 20. Summary of Sound Survey Results Parcel Group 9

Location	Date	Period, T	Measured Sound Level			
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range	
MP6	17/12/2024	Daytime (07:00 – 23:00)	45	-	34-42	
		Night-time (23:00 – 07:00)	47	65	35-45	
	18/12/2024	Early Morning (04:00 – 07:00 hours)	48	-	36-45	
		Daytime (07:00 – 23:00)	51	-	30-50	
	19/12/2024	Night-time (23:00 – 07:00)	44	54	27-44	
		Early Morning (04:00 – 07:00 hours)	39	-	31-36	
		Daytime (07:00 – 23:00)	52	-	27-40	
	20/12/2024	Night-time (23:00 – 07:00)	30	47	20-31	
		Early Morning (04:00 – 07:00 hours)	30	-	22-31	
		Daytime (07:00 – 23:00)	41	-	27-38	
	21/12/2024	Night-time (23:00 – 07:00)	29	46	22-30	
		Early Morning (04:00 – 07:00 hours)	30	-	22-30	
		Daytime (07:00 – 23:00)	42	-	28-42	
	22/12/2024	Night-time (23:00 – 07:00)	41	47	29-41	
		Early Morning (04:00 – 07:00 hours)	44	-	33-41	
		Daytime (07:00 – 23:00)	47	-	36-45	
	23/12/2024	Night-time (23:00 – 07:00)	44	69	31-43	
		Early Morning (04:00 – 07:00 hours)	38	-	31-34	
		Daytime (07:00 – 23:00)	39	-	25-38	
	24/12/2024	Night-time (23:00 – 07:00)	25	33	18-27	
		Early Morning (04:00 – 07:00 hours)	26	-	19-27	
	MP7	17/12/2024	Daytime (07:00 – 23:00)	46	-	35-43
			Night-time (23:00 – 07:00)	50	65	37-46
		18/12/2024	Early Morning (04:00 – 07:00 hours)	51	-	37-46
Daytime (07:00 – 23:00)			54	-	28-54	
19/12/2024		Night-time (23:00 – 07:00)	44	51	30-44	
		Early Morning (04:00 – 07:00 hours)	39	-	34-37	
		Daytime (07:00 – 23:00)	53	-	29-40	
20/12/2024		Night-time (23:00 – 07:00)	32	42	26-31	
		Early Morning (04:00 – 07:00 hours)	31	-	26-31	
		Daytime (07:00 – 23:00)	41	-	28-39	
21/12/2024		Night-time (23:00 – 07:00)	30	36	25-32	
		Early Morning (04:00 – 07:00 hours)	31	-	26-32	
		Daytime (07:00 – 23:00)	45	-	29-45	
22/12/2024		Night-time (23:00 – 07:00)	44	54	31-42	
		Early Morning (04:00 – 07:00 hours)	46	-	35-42	
		Daytime (07:00 – 23:00)	47	-	36-45	
23/12/2024		Night-time (23:00 – 07:00)	41	48	31-41	
		Early Morning (04:00 – 07:00 hours)	37	-	32-33	



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP8	24/12/2024	Daytime (07:00 – 23:00)	37	-	27-36
		Night-time (23:00 – 07:00)	29	41	25-29
	17/12/2024	Early Morning (04:00 – 07:00 hours)	31	-	26-29
		Daytime (07:00 – 23:00)	38	-	29-33
	18/12/2024	Daytime (07:00 – 23:00)	44	-	33-38
		Night-time (23:00 – 07:00)	43	57	31-43
	19/12/2024	Early Morning (04:00 – 07:00 hours)	45	-	35-43
		Daytime (07:00 – 23:00)	51	-	29-51
	20/12/2024	Night-time (23:00 – 07:00)	46	49	26-45
		Early Morning (04:00 – 07:00 hours)	41	-	30-36
	21/12/2024	Daytime (07:00 – 23:00)	55	-	27-41
		Night-time (23:00 – 07:00)	33	47	21-31
	22/12/2024	Early Morning (04:00 – 07:00 hours)	30	-	22-31
		Daytime (07:00 – 23:00)	46	-	26-38
	23/12/2024	Night-time (23:00 – 07:00)	38	39	22-31
		Early Morning (04:00 – 07:00 hours)	39	-	23-31
	24/12/2024	Daytime (07:00 – 23:00)	48	-	28-41
		Night-time (23:00 – 07:00)	43	52	30-41
	21/01/2025	Early Morning (04:00 – 07:00 hours)	46	-	34-41
		Daytime (07:00 – 23:00)	50	-	36-46
	22/01/2025	Night-time (23:00 – 07:00)	47	64	32-43
		Early Morning (04:00 – 07:00 hours)	41	-	32-35
	23/01/2025	Daytime (07:00 – 23:00)	44	-	25-37
		Night-time (23:00 – 07:00)	33	35	19-27
24/01/2025	Early Morning (04:00 – 07:00 hours)	37	-	19-27	
	Daytime (07:00 – 23:00)	48	-	29-34	
21/01/2025	Daytime (07:00 – 23:00)	39	-	20-37	
	Night-time (23:00 – 07:00)	33	48	17-36	
22/01/2025	Early Morning (04:00 – 07:00 hours)	36	-	17-36	
	Daytime (07:00 – 23:00)	43	-	22-37	
23/01/2025	Night-time (23:00 – 07:00)	30	44	19-31	
	Early Morning (04:00 – 07:00 hours)	30	-	22-31	
24/01/2025	Daytime (07:00 – 23:00)	48	-	31-49	
	Night-time (23:00 – 07:00)	41	64	23-43	
25/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-	
	Daytime (07:00 – 23:00)	37	-	25-37	
26/01/2025	Night-time (23:00 – 07:00)	35	49	23-32	
	Early Morning (04:00 – 07:00 hours)	36	-	24-32	
27/01/2025	Daytime (07:00 – 23:00)	42	-	24-38	
	Night-time (23:00 – 07:00)	32	48	19-30	
28/01/2025	Early Morning (04:00 – 07:00 hours)	35	-	21-30	
	Daytime (07:00 – 23:00)	44	-	30-45	
29/01/2025	Night-time (23:00 – 07:00)	46	64	28-47	



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
	27/01/2025	Early Morning (04:00 – 07:00 hours)	-	-	-
		Daytime (07:00 – 23:00)	48	-	38-47
		Night-time (23:00 – 07:00)	45	57	35-42
	28/01/2025	Early Morning (04:00 – 07:00 hours)	44	-	37-41
		Daytime (07:00 – 23:00)	49	-	38-48



Appendix 12.1 Baseline Sound Survey Report

3.11 Parcel Group 10

Table 21. Summary of Sound Survey Results Parcel Group 10

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
MP1	17/12/2024	Daytime (07:00 – 23:00)	45	-	30-40
		Night-time (23:00 – 07:00)	49	62	36-49
	18/12/2024	Early Morning (04:00 – 07:00 hours)	51	-	39-49
		Daytime (07:00 – 23:00)	57	-	30-59
		Night-time (23:00 – 07:00)	47	49	30-47
	19/12/2024	Early Morning (04:00 – 07:00 hours)	43	-	30-39
		Daytime (07:00 – 23:00)	51	-	29-43
		Night-time (23:00 – 07:00)	34	45	25-36
	20/12/2024	Early Morning (04:00 – 07:00 hours)	36	-	26-36
		Daytime (07:00 – 23:00)	43	-	29-40
		Night-time (23:00 – 07:00)	33	36	23-36
	21/12/2024	Early Morning (04:00 – 07:00 hours)	34	-	25-36
		Daytime (07:00 – 23:00)	48	-	32-48
		Night-time (23:00 – 07:00)	51	55	36-51
	22/12/2024	Early Morning (04:00 – 07:00 hours)	54	-	40-51
		Daytime (07:00 – 23:00)	54	-	40-50
		Night-time (23:00 – 07:00)	48	65	29-45
	23/12/2024	Early Morning (04:00 – 07:00 hours)	42	-	29-36
Daytime (07:00 – 23:00)		47	-	32-39	
MP2	17/12/2024	Daytime (07:00 – 23:00)	45	-	31-38
		Night-time (23:00 – 07:00)	48	65	33-46
	18/12/2024	Early Morning (04:00 – 07:00 hours)	50	-	35-46
		Daytime (07:00 – 23:00)	53	-	29-52
		Night-time (23:00 – 07:00)	47	64	30-47
	19/12/2024	Early Morning (04:00 – 07:00 hours)	41	-	30-37
		Daytime (07:00 – 23:00)	50	-	28-42
		Night-time (23:00 – 07:00)	33	47	24-36
	20/12/2024	Early Morning (04:00 – 07:00 hours)	35	-	24-36
		Daytime (07:00 – 23:00)	42	-	29-40
		Night-time (23:00 – 07:00)	32	44	22-34
	21/12/2024	Early Morning (04:00 – 07:00 hours)	33	-	25-34
		Daytime (07:00 – 23:00)	46	-	32-44
		Night-time (23:00 – 07:00)	46	61	31-44
	22/12/2024	Early Morning (04:00 – 07:00 hours)	49	-	36-44
		Daytime (07:00 – 23:00)	50	-	38-48
		Night-time (23:00 – 07:00)	47	62	30-44
	23/12/2024	Early Morning (04:00 – 07:00 hours)	42	-	30-36
Daytime (07:00 – 23:00)		41	-	33-37	
MP3	17/12/2024	Daytime (07:00 – 23:00)	53	-	37-46



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
		Night-time (23:00 – 07:00)	52	59	44-52
	18/12/2024	Early Morning (04:00 – 07:00 hours)	54	-	46-52
		Daytime (07:00 – 23:00)	56	-	35-56
		Night-time (23:00 – 07:00)	48	51	32-47
	19/12/2024	Early Morning (04:00 – 07:00 hours)	48	-	32-41
		Daytime (07:00 – 23:00)	55	-	30-46
		Night-time (23:00 – 07:00)	43	37	24-39
	20/12/2024	Early Morning (04:00 – 07:00 hours)	47	-	26-39
		Daytime (07:00 – 23:00)	53	-	31-44
		Night-time (23:00 – 07:00)	40	44	24-39
	21/12/2024	Early Morning (04:00 – 07:00 hours)	41	-	26-39
		Daytime (07:00 – 23:00)	53	-	36-49
		Night-time (23:00 – 07:00)	47	66	35-46
	22/12/2024	Early Morning (04:00 – 07:00 hours)	47	-	35-46
		Daytime (07:00 – 23:00)	54	-	41-50
		Night-time (23:00 – 07:00)	49	57	35-48
	23/12/2024	Early Morning (04:00 – 07:00 hours)	48	-	35-42
		Daytime (07:00 – 23:00)	53	-	36-43
MP4	17/12/2024	Daytime (07:00 – 23:00)	56	-	39-48
		Night-time (23:00 – 07:00)	56	71	40-54
	18/12/2024	Early Morning (04:00 – 07:00 hours)	58	-	45-54
		Daytime (07:00 – 23:00)	61	-	38-61
		Night-time (23:00 – 07:00)	52	60	33-48
	19/12/2024	Early Morning (04:00 – 07:00 hours)	51	-	33-46
		Daytime (07:00 – 23:00)	58	-	32-51
		Night-time (23:00 – 07:00)	47	56	26-43
	20/12/2024	Early Morning (04:00 – 07:00 hours)	51	-	27-43
		Daytime (07:00 – 23:00)	56	-	32-50
		Night-time (23:00 – 07:00)	45	54	25-42
	21/12/2024	Early Morning (04:00 – 07:00 hours)	46	-	27-42
		Daytime (07:00 – 23:00)	56	-	39-53
		Night-time (23:00 – 07:00)	52	72	38-49
	22/12/2024	Early Morning (04:00 – 07:00 hours)	54	-	39-49
		Daytime (07:00 – 23:00)	57	-	45-52
		Night-time (23:00 – 07:00)	50	60	31-47
	23/12/2024	Early Morning (04:00 – 07:00 hours)	50	-	34-42
		Daytime (07:00 – 23:00)	57	-	44-49
	MP5	17/12/2024	Daytime (07:00 – 23:00)	50	-
		Night-time (23:00 – 07:00)	47	58	37-47
18/12/2024		Early Morning (04:00 – 07:00 hours)	50	-	37-47
		Daytime (07:00 – 23:00)	53	-	38-53
		Night-time (23:00 – 07:00)	51	53	29-49
19/12/2024		Early Morning (04:00 – 07:00 hours)	53	-	35-46



Appendix 12.1 Baseline Sound Survey Report

Location	Date	Period, T	Measured Sound Level		
			$L_{Aeq,T}$	Typical L_{AFMax}	$L_{A90,15minutes}$ Range
		Daytime (07:00 – 23:00)	57	-	32-53
		Night-time (23:00 – 07:00)	46	63	22-40
	20/12/2024	Early Morning (04:00 – 07:00 hours)	48	-	22-40
		Daytime (07:00 – 23:00)	51	-	29-49
		Night-time (23:00 – 07:00)	45	62	21-35
	21/12/2024	Early Morning (04:00 – 07:00 hours)	44	-	22-33
		Daytime (07:00 – 23:00)	52	-	32-49
		Night-time (23:00 – 07:00)	47	60	29-45
	22/12/2024	Early Morning (04:00 – 07:00 hours)	49	-	30-45
		Daytime (07:00 – 23:00)	56	-	40-51
		Night-time (23:00 – 07:00)	52	65	31-48
	23/12/2024	Early Morning (04:00 – 07:00 hours)	53	-	33-44
		Daytime (07:00 – 23:00)	57	-	42-52

3.12 Selected background sound levels

3.12.1 Based on statistical analyses presented in **Appendix D** typical overall background sound levels for each measurement location are presented in **Table 22**.

Table 22. Selected Typical Background Sound Levels

Position	Typical $L_{A90,15minutes}^*$ (dB)		
	Daytime (07:00 – 23:00)	Night-time (23:00 – 07:00)	Night-time (04:00 – 07:00)
MP1	36	27	32
MP2	36	31	32
MP3	41	28	37
MP4	46	29	36
MP5	45	29	36
MP6	34	23	24
MP7	33	28	28
MP8	34	24	27
MP9	32	22	24
MP10	30	20	21
MP11	28	19	22
MP12	28	18	21
MP13	29	20	22
MP14	29	20	21
MP15	30	18	24
MP16	26	19	21
MP17	30	21	24
MP18	34	20	20
MP19	33	21	23
MP20	30	22	25



Appendix 12.1 Baseline Sound Survey Report

Position	Typical $L_{A90,15\text{minutes}}^*$ (dB)		
	Daytime (07:00 – 23:00)	Night-time (23:00 – 07:00)	Night-time (04:00 – 07:00)
MP21	30	23	24
MP22	36	26	27
MP23	42	26	33
MP24	38	24	26
MP25	51	26	37
MP26	44	27	36
MP27	37	30	35
MP28	52	28	34
MP29	47	29	30
MP30	40	29	29
MP31	38	29	34
MP32	35	32	33
MP33	41	30	33
MP34	41	30	32
MP35	40	22	31
MP36	38	22	33
MP37	37	27	29
MP38	31	24	25
MP39	30	22	24
MP40	28	23	26
MP41	41	31	32
MP42	35	30	33
MP43	36	29	32
MP44	33	28	29
MP45	38	29	34
MP46	46	35	36
MP47	37	27	32
MP48	37	31	33
MP49	38	28	29
MP50	50	27	31
MP51	42	27	28

* Calculated based on the statistical distribution of background sound levels during the measurement period in general accordance with guidance in BS 4142:2014+A1:2019

3.13 Selected Ambient Sound Levels

3.13.1 The measured overall ambient sound levels for the daytime period are presented at each measurement location in **Table 23**.

Table 23 Measured Ambient Sound Levels

Position	Ambient Sound Levels Daytime (07:00 – 23:00, dB $L_{Aeq,16\text{ hour}}$)
MP1	52
MP2	49
MP3	54



Appendix 12.1 Baseline Sound Survey Report

Position	Ambient Sound Levels Daytime (07:00 – 23:00, dB <i>L</i> _{Aeq,16 hour})
MP4	58
MP5	54
MP6	48
MP7	49
MP8	50
MP9	45
MP10	44
MP11	47
MP12	46
MP13	44
MP14	43
MP15	52
MP16	46
MP17	45
MP18	50
MP19	51
MP20	48
MP21	48
MP22	50
MP23	49
MP24	50
MP25	56
MP26	55
MP27	49
MP28	56
MP29	53
MP30	48
MP31	50
MP32	50
MP33	51
MP34	51
MP35	51
MP36	49
MP37	49
MP38	45
MP39	45
MP40	47
MP41	54
MP42	49
MP43	53
MP44	54
MP45	50
MP46	56
MP47	56
MP48	50
MP49	49
MP50	60
MP51	48



Appendix A Acoustic Terminology

Parameter	Description
Ambient Sound	Totally encompassing sound in a given situation at a given time, usually composed of sound from many sources near and far. Comprises of the residual sound and the specific sound when present.
Ambient Sound Level ($L_a = L_{Aeq,T}$)	Equivalent continuous A-weighted sound pressure level of the totally encompassing sound in a given situation at a given time, usually from many sources near and far, at the assessment location over a given time interval, T.
A-Weighted Decibel (dBA)	A decibel level that has been corrected for the A-Weighting curve.
A-Weighting	Octave band and 1/3 octave band filters that correlate to the response of the human hearing system to sound pressure levels at different frequencies.
Background Sound	The level of sound measured in the absence of extraneous noise sources.
Background Sound Level ($L_{A90,T}$)	A-weighted sound pressure level that is exceeded by the residual sound at the assessment location for 90% of a given time interval, T, measured using a fast time-weighting and quoted to the nearest whole number of decibels.
Decibel (dB)	A logarithmic unit used to describe the ratio between the measured level and a reference level of 0 dB. The ratio can be sound pressure, intensity or power. The reference value for sound pressure is 20 μ Pa and for sound power is 1 μ W.
Equivalent Continuous A-Weighted Sound Pressure Level ($L_{Aeq,T}$)	Value of the time-averaged A-weighted sound pressure level, in decibels (dB), of a continuous steady sound for the duration of the specified time interval, T.
Façade Level	The sound pressure level at a distance of 1 metre from the façade
Fast Time Weighted	The speed at which the instrument responds to changes in amplitude of the measured signal. The response time of a fast time-weighted instrument is 0.125 seconds.
Free-Field Level	The sound pressure level measured away from any reflective surfaces.
Frequency (f)	The number of cycles of pressure fluctuations within a given period of time. Measured in Hertz.
Hertz (Hz)	The unit of frequency or pitch of a sound. One hertz is equal to one cycle per second.
$L_{10,T}$	The noise level exceeded for 10 % for a given time interval, T. Generally used to describe traffic noise.
L_{Amax}	The maximum A-weighted level measured during a given time period.
Octave Band	Band of frequencies where the upper limit of the band is twice the frequency of the lower limit. E.g., the 1000 Hz band contains noise energy at all frequencies from 707 to 1414 Hz.
Percentile Level ($L_{AN,T}$)	The A-Weighted Sound Pressure Level which is exceeded for N% of the specified time interval. E.g., the $L_{A90,1hour}$ is the A-weighted sound level exceeded for 90% of 1 hour/
Sound Pressure	The difference between the pressure caused by a sound wave and the ambient pressure of the medium the sound wave is passing through. Measured in Pascals.
Sound Pressure Level (L_p)	The logarithm of the ratio of a given sound pressure (p) to the reference sound pressure (p_0). The reference value for sound pressure is 20 μ Pa. Defined as: $L_p = 20 \log \left(\frac{p}{p_0} \right)$



Appendix B Instrumentation

The instrumentation used in the environmental sound survey is listed in **Table 24**.

Table 24. Instrumentation

Description	Manufacturer	Type	Serial Number	Laboratory Calibration Date(s)
Sound Level Meter	RION	NL-52	1043456	03/02/2023
½" Pre-polarised microphone		UC-59	7231	10/01/2025
Pre-amplifier		NH-25	43485	
Sound Level Meter	RION	NL-52	542903	12/01/2023
½" Pre-polarised microphone		UC-59	06480	10/01/2025
Pre-amplifier		NH-25	42931	
Sound Level Meter	RION	NL-52	1043457	12/01/2023
½" Pre-polarised microphone		UC-59	07232	10/01/2025
Pre-amplifier		NH-25	43486	
Sound Level Meter	RION	NL-52	1043458	20/09/2023
½" Pre-polarised microphone		UC-59	07233	
Pre-amplifier		NH-25	43487	
Sound Level Meter	RION	NL-62	930517	05/01/2024
½" Pre-polarised microphone		UC-59L	00701	
Pre-amplifier		NH-26	00559	
Sound Level Meter	RION	NL-52	1010734	16/06/2023
½" Pre-polarised microphone		UC-59	23232	
Pre-amplifier		NH-25	11381	
Sound Level Meter	RION	NL-52	810643	16/10/2024
½" Pre-polarised microphone		UC-59	25386	
Pre-amplifier		NH-25	33808	
Sound Level Meter	RION	NL-53	541055	09/09/2024
½" Pre-polarised microphone		UC-59	25585	
Pre-amplifier		NH-25	34008	
Sound Level Meter	RION	NL-53	541057	09/09/2024



Appendix 12.1 Baseline Sound Survey Report

Description	Manufacturer	Type	Serial Number	Laboratory Calibration Date(s)
½" Pre-polarised microphone		UC-59	25588	
Pre-amplifier		NH-25	34010	
Sound Level Meter	RION	NL-53	541105	09/09/2024
½" Pre-polarised microphone		UC-59	25639	
Pre-amplifier		NH-25	34058	
Sound Level Meter	RION	NL-53	641106	09/09/2024
½" Pre-polarised microphone		UC-59	25481	
Pre-amplifier		NH-25	34061	
Sound Level Meter	RION	NL-53	741222	09/09/2024
½" Pre-polarised microphone		UC-59	25798	
Pre-amplifier		NH-25	34177	
Sound Level Meter	RION	NL-52	510142	17/01/2024
½" Pre-polarised microphone		UC-59	31928	
Pre-amplifier		NH-25	2847	
Sound Calibrator	Brüel & Kjær	4231	2619375	02/01/2024 07/01/2025

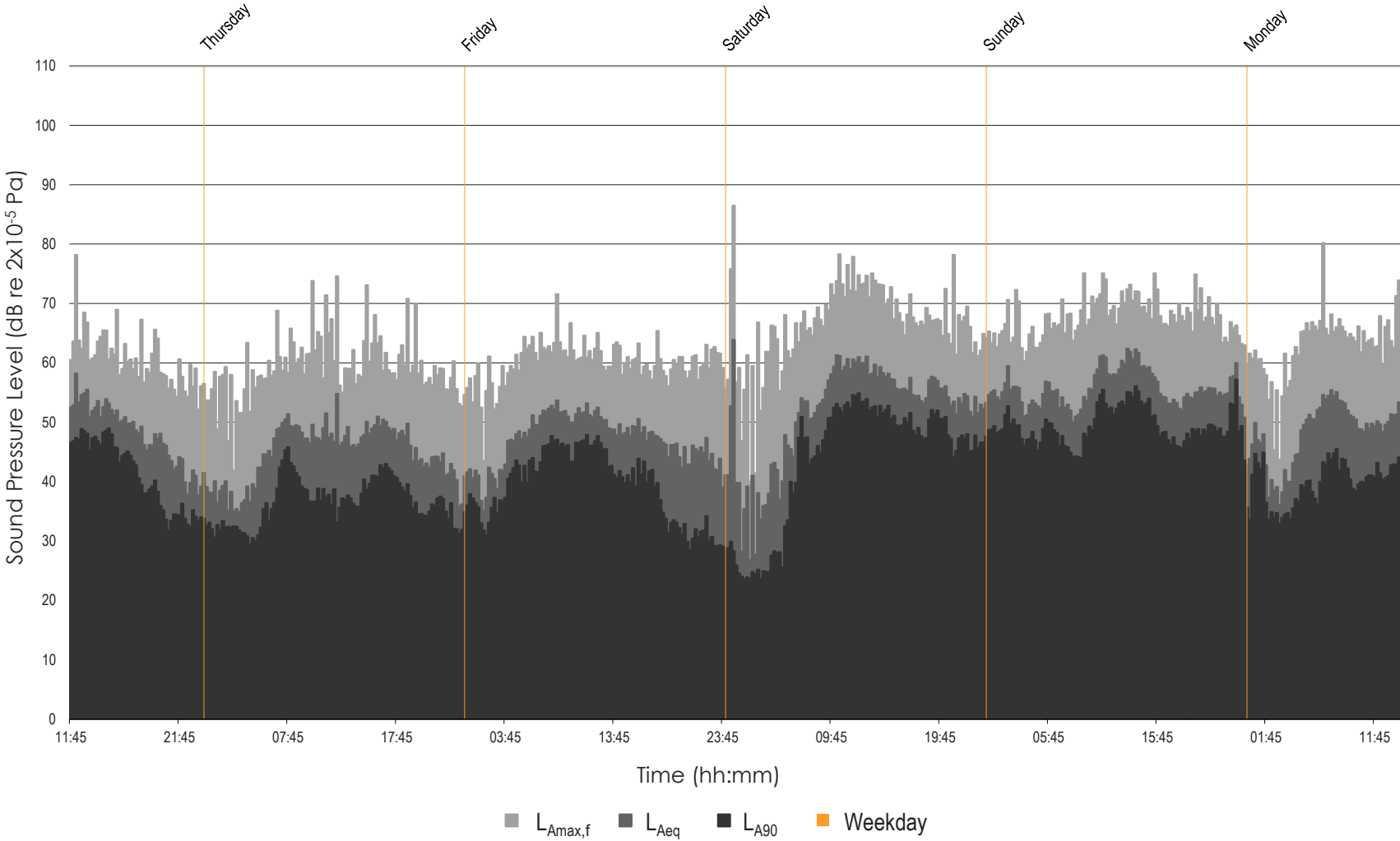


Appendix C Sound Time History Graphs

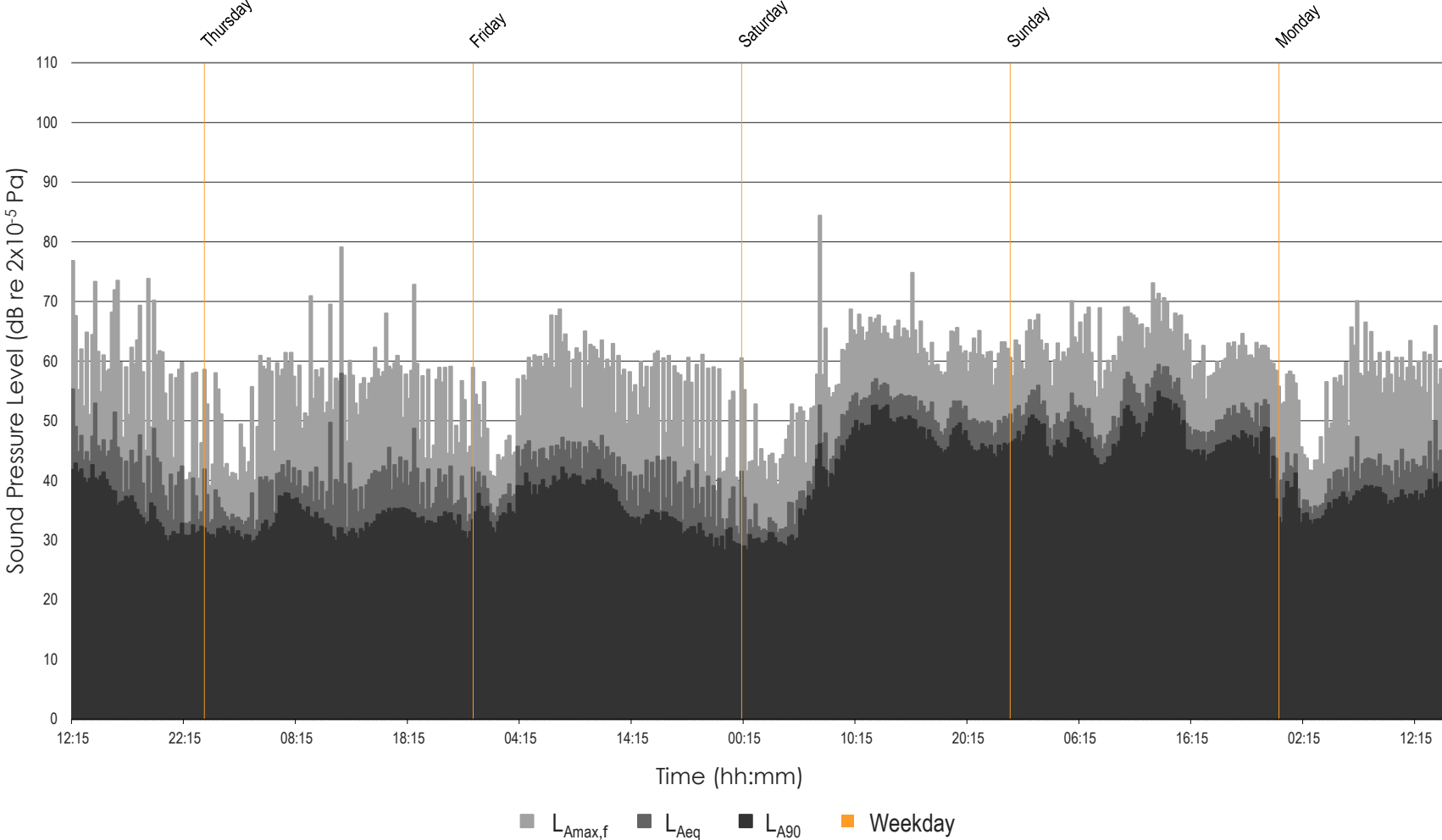
C.1 Parcel Group 1



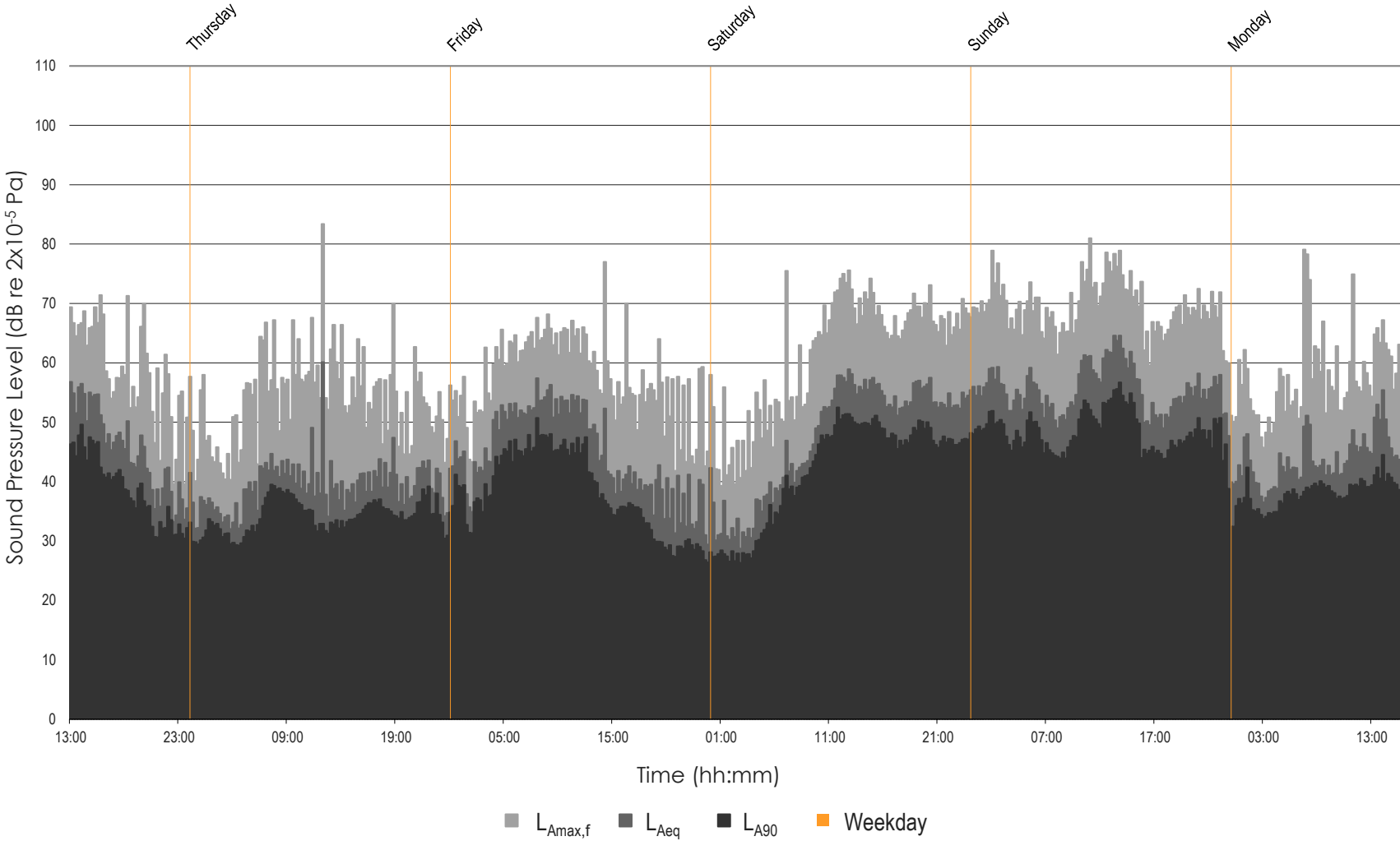
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP41 - Wednesday 20 November to Monday 25 November 2024



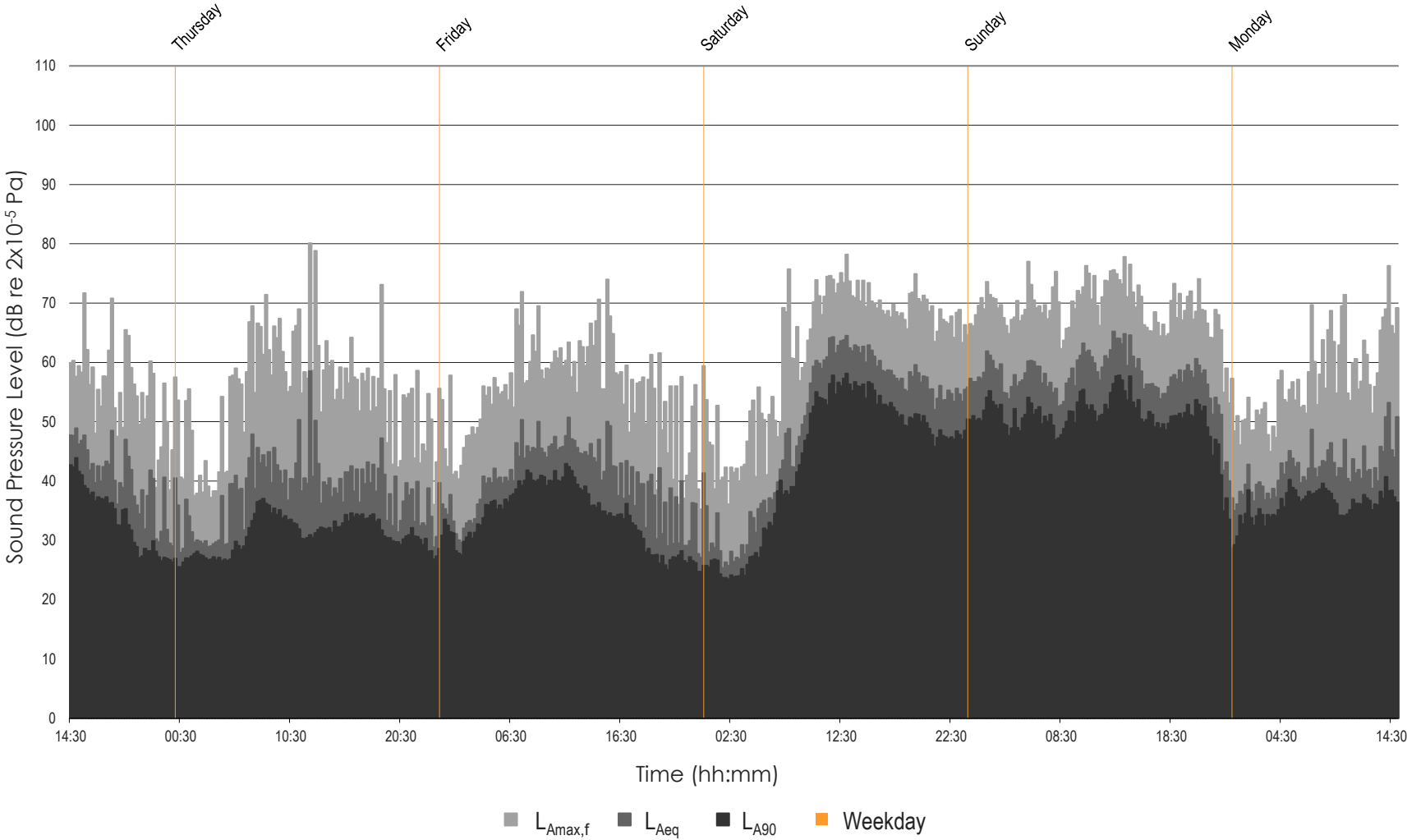
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP42 - Wednesday 20 November to Monday 25 November 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP43 - Wednesday 20 November to Monday 25 November 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP44 - Wednesday 20 November to Monday 25 November 2024

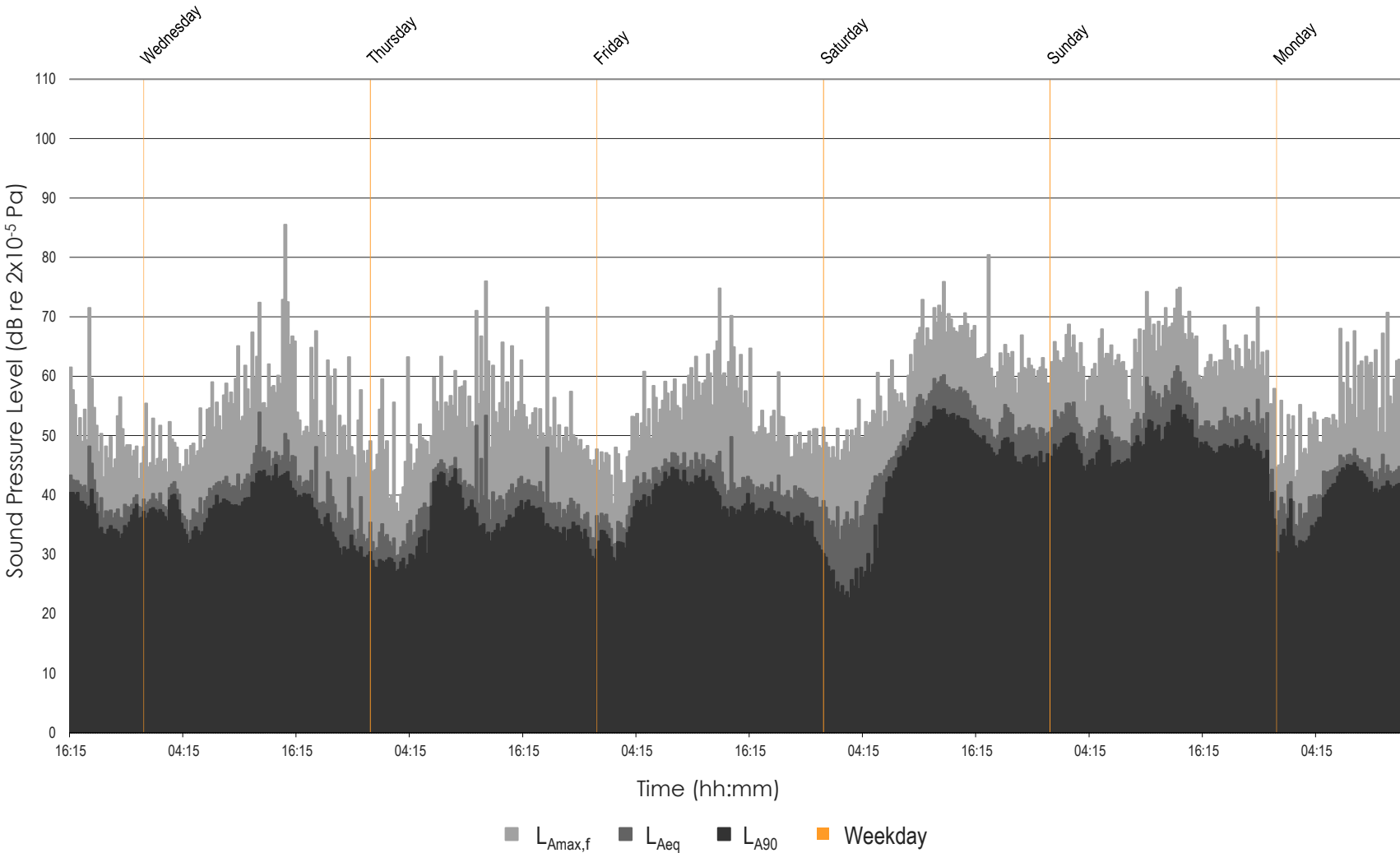


Appendix 12.1 Baseline Sound Survey Report

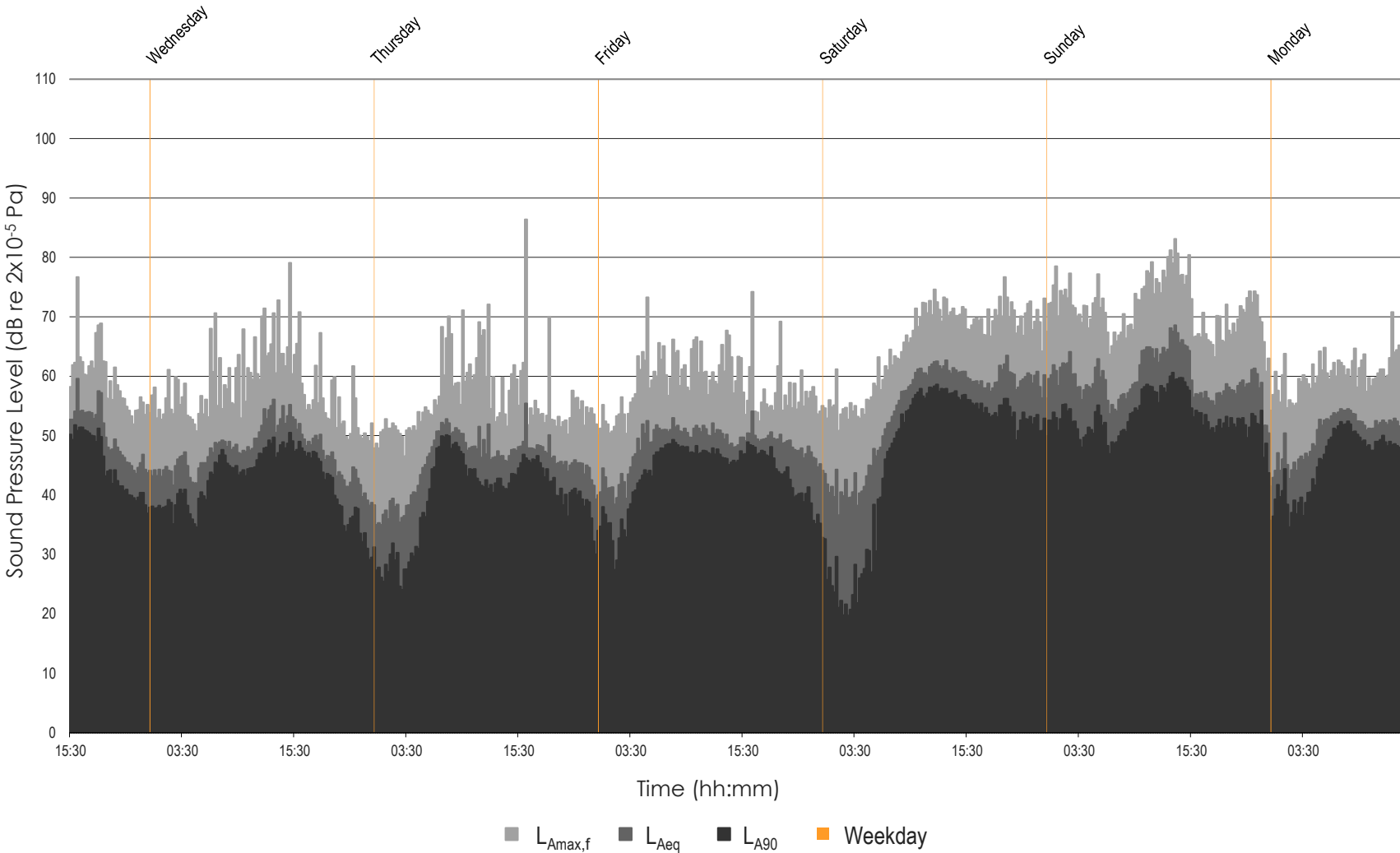
C.2 Parcel Group 2



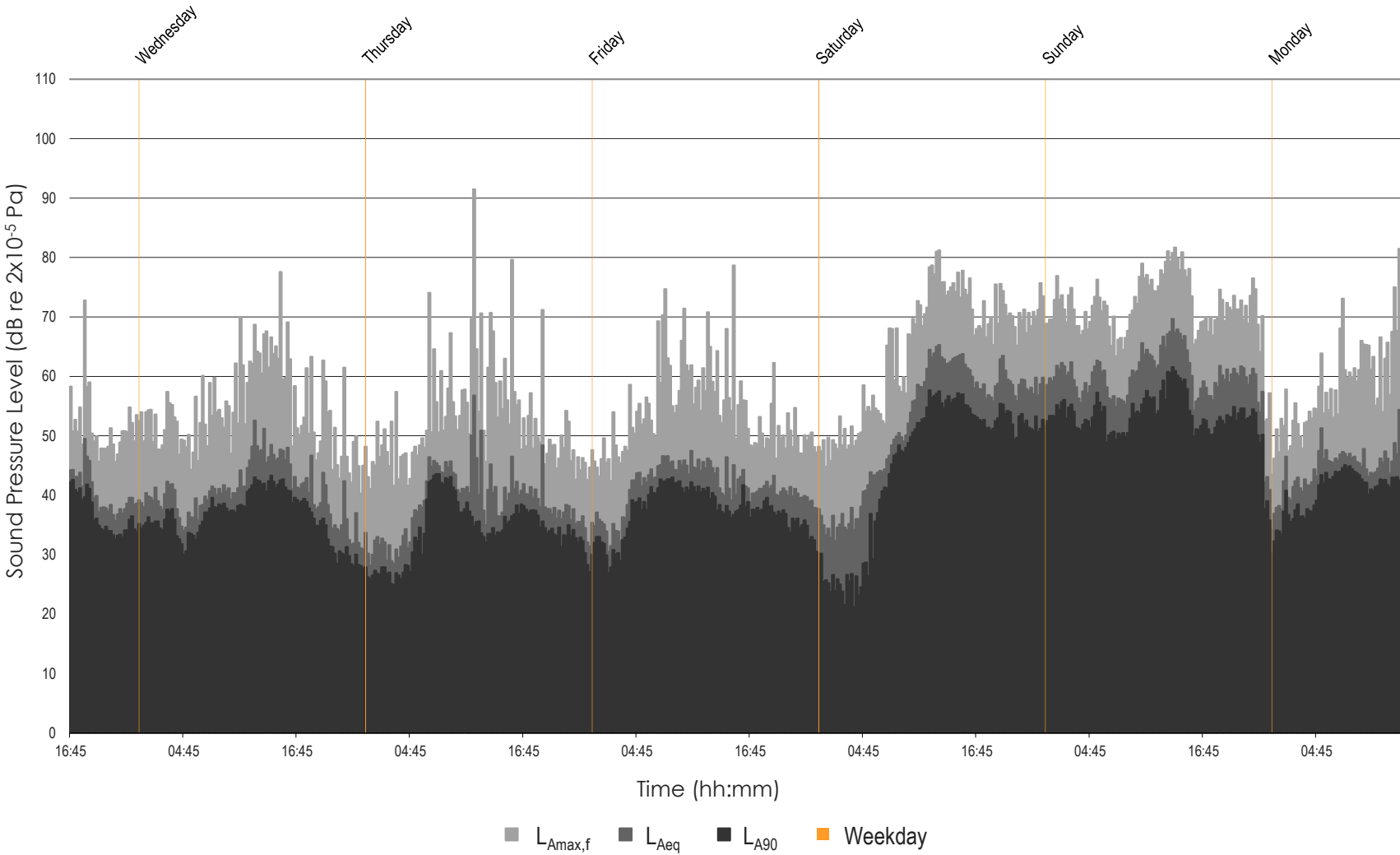
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP45 - Tuesday 19 November to Monday 25 November 2024



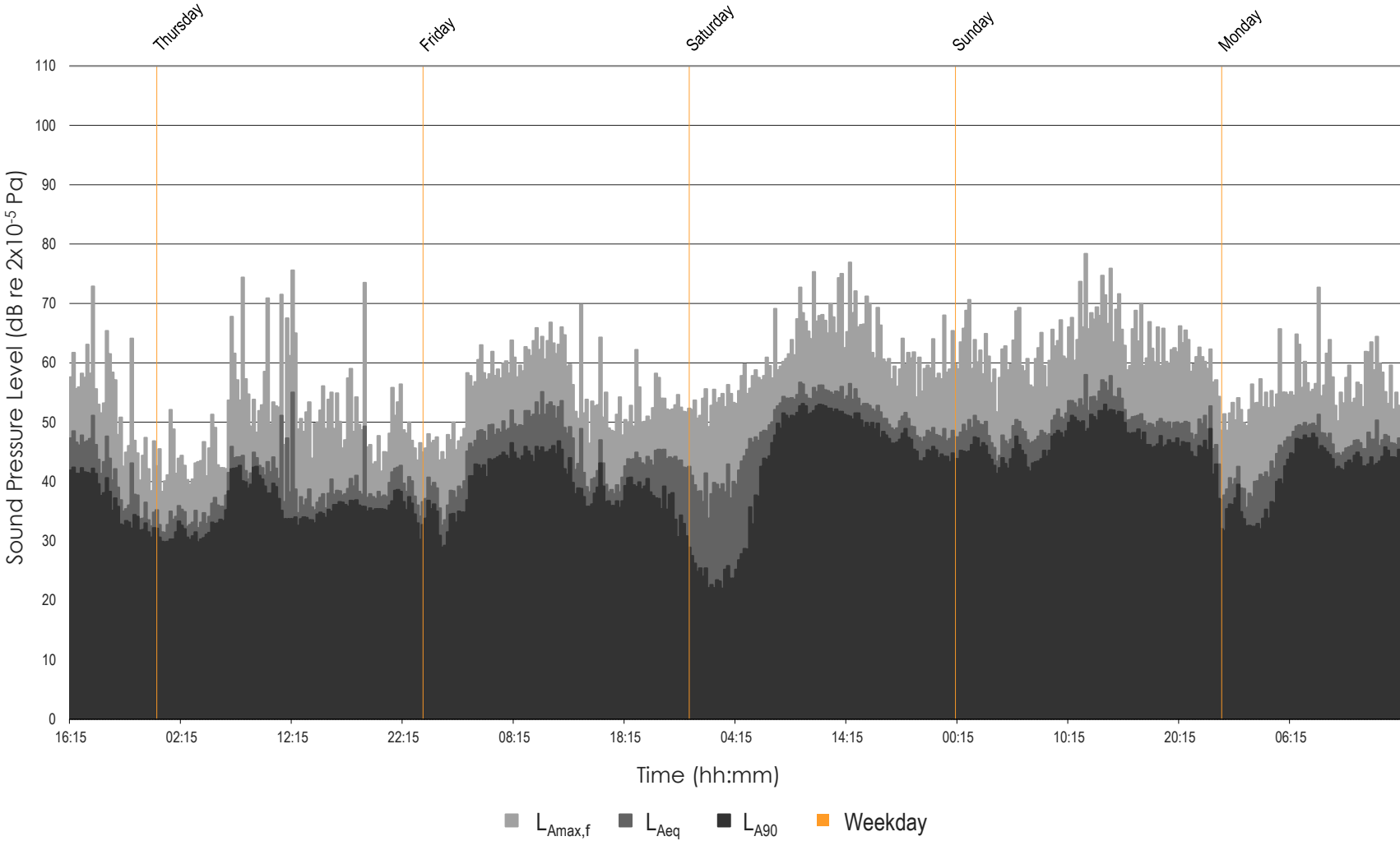
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP46 - Tuesday 19 November to Monday 25 November 2024



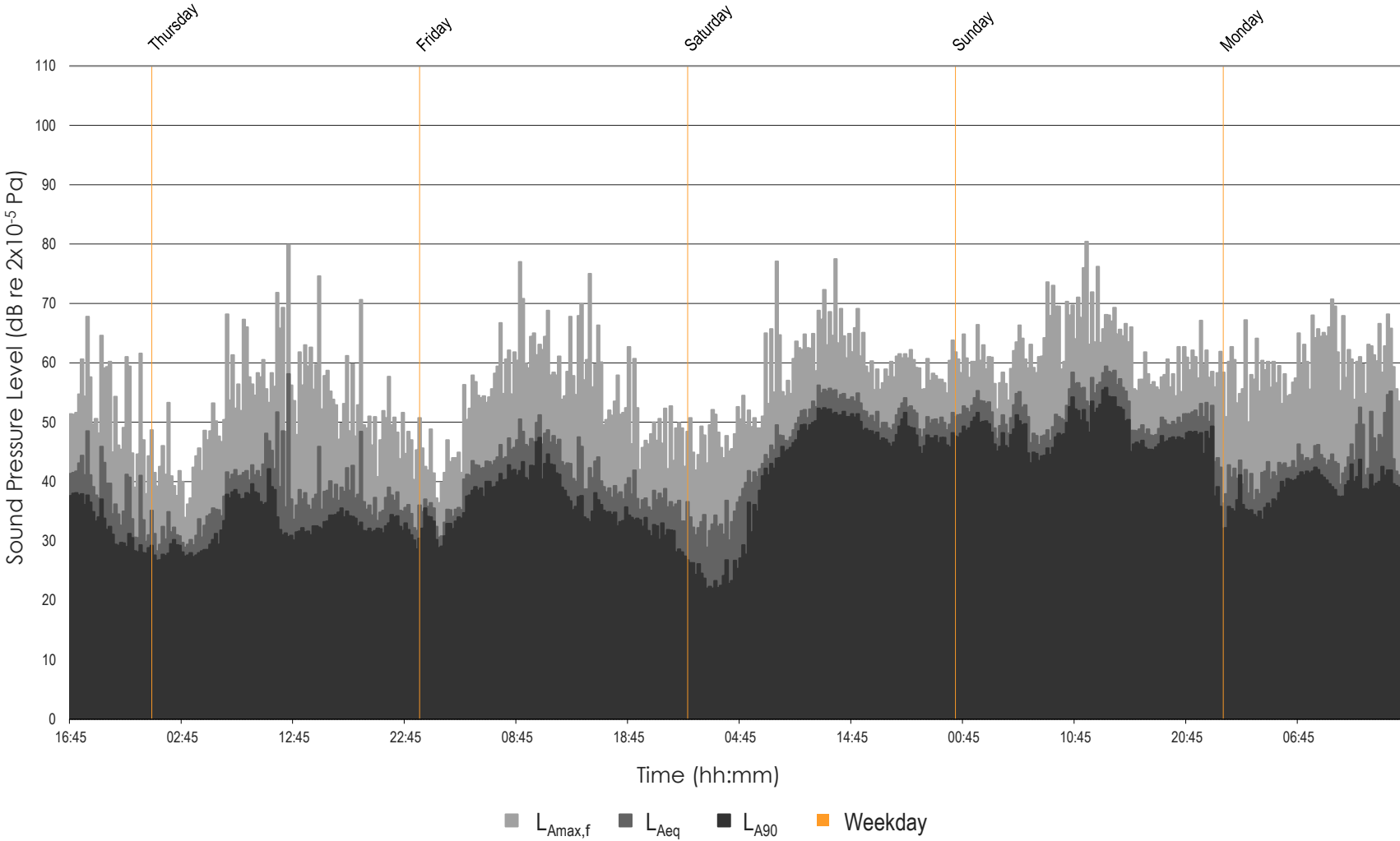
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP47 - Tuesday 19 November to Monday 25 November 2024



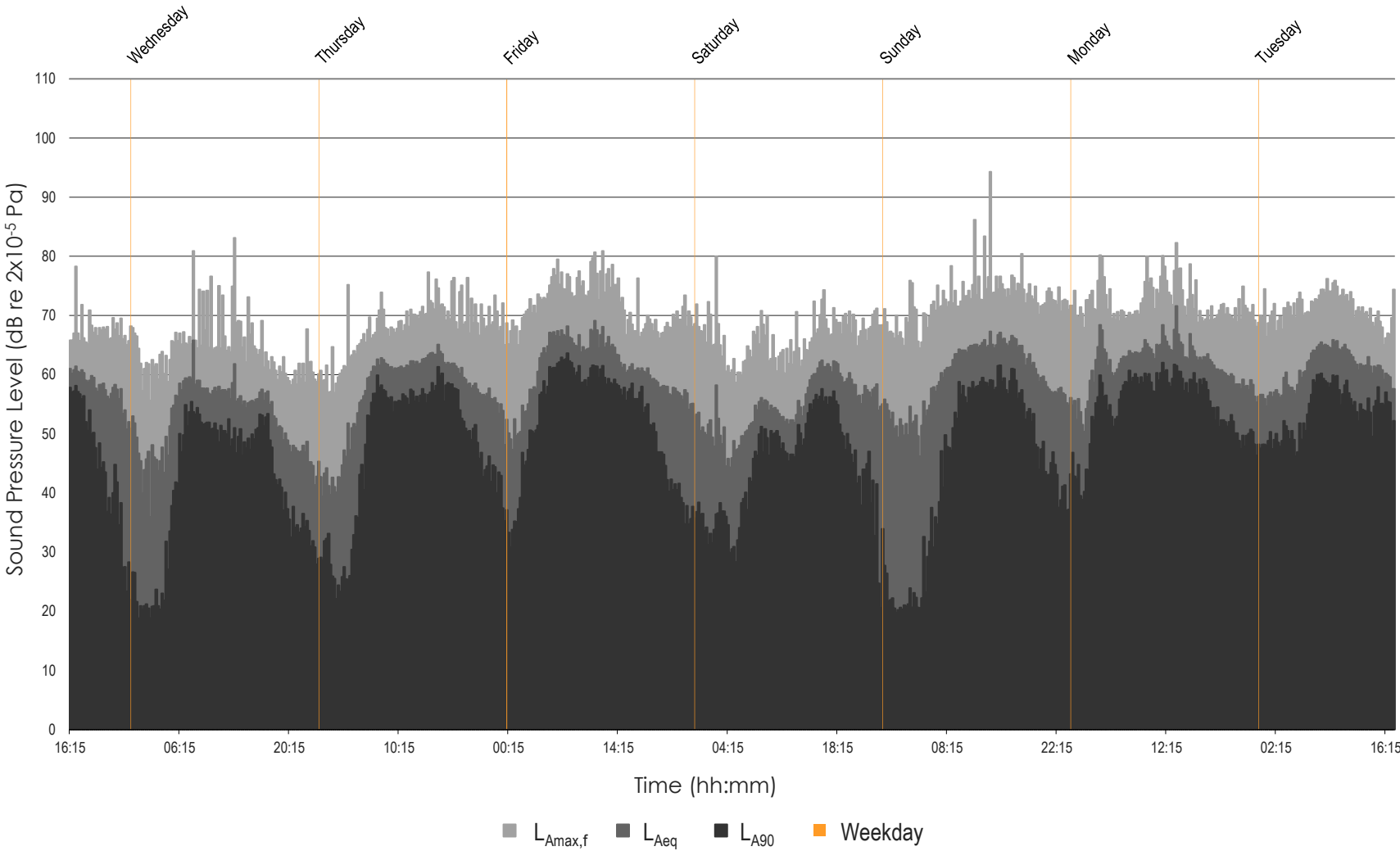
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP48 - Wednesday 20 November to Monday 25 November 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP49 - Wednesday 20 November to Monday 25 November 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP50 - Tuesday 21 January to Tuesday 28 January 2025

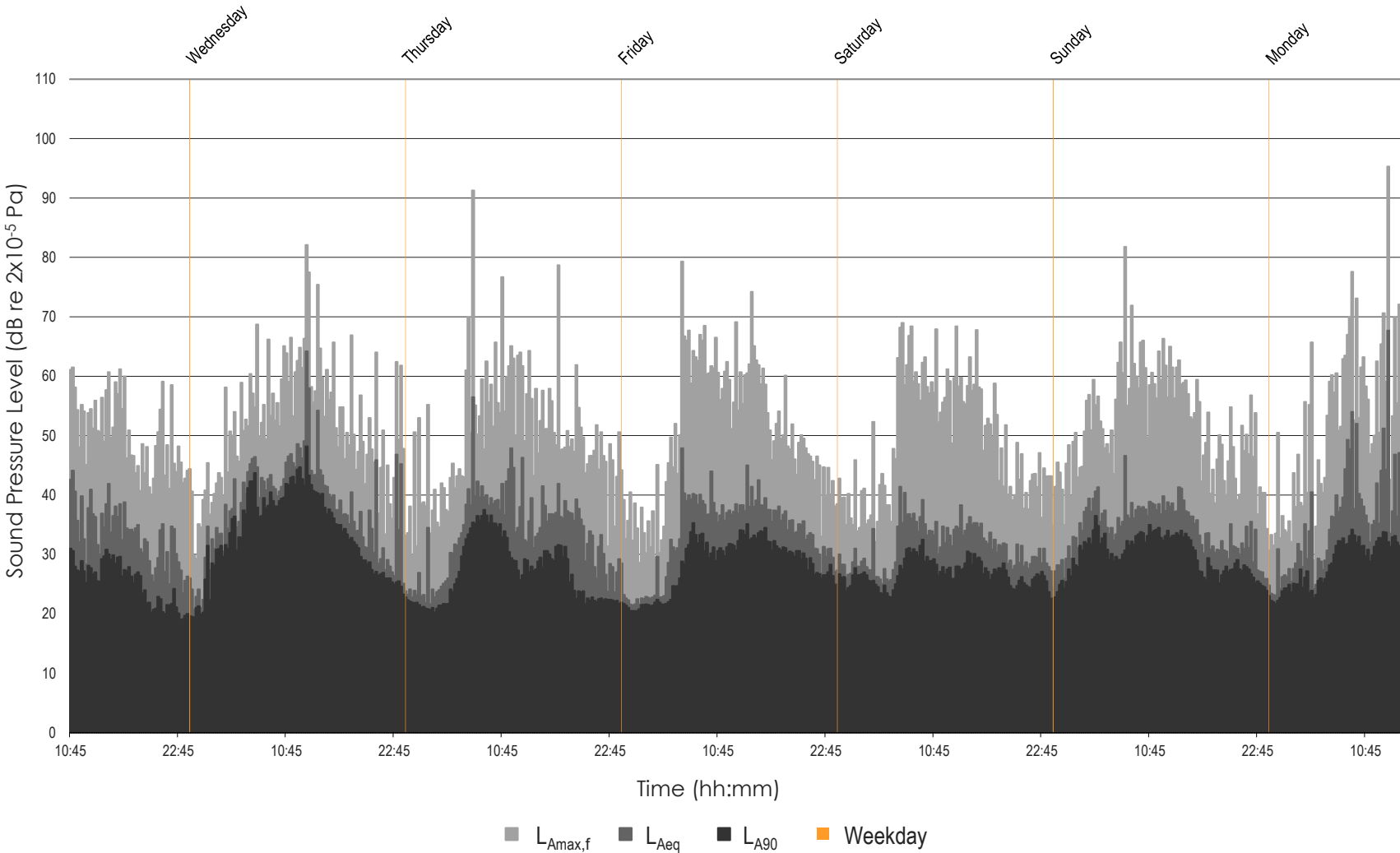


Appendix 12.1 Baseline Sound Survey Report

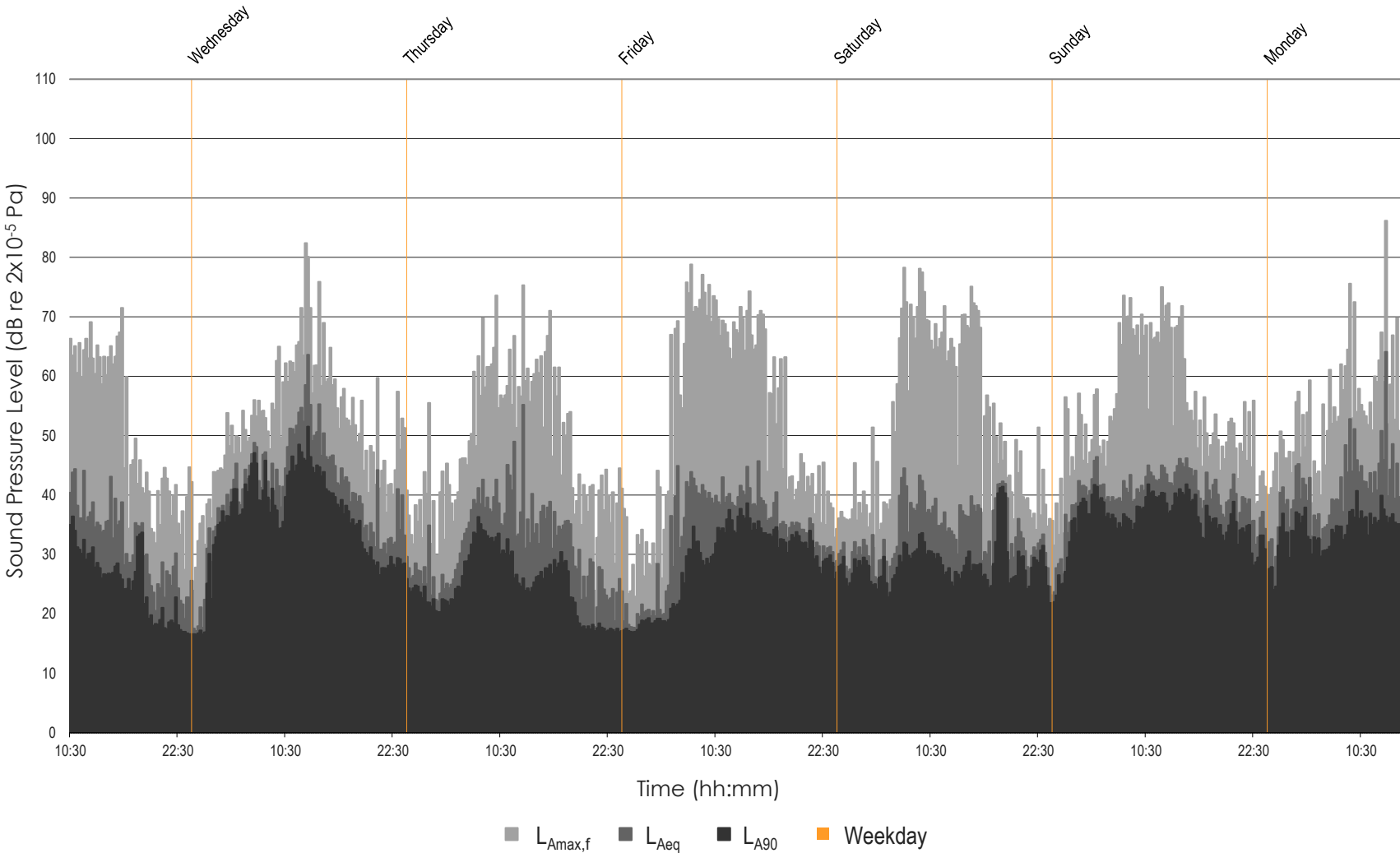
C.3 Parcel Group 3



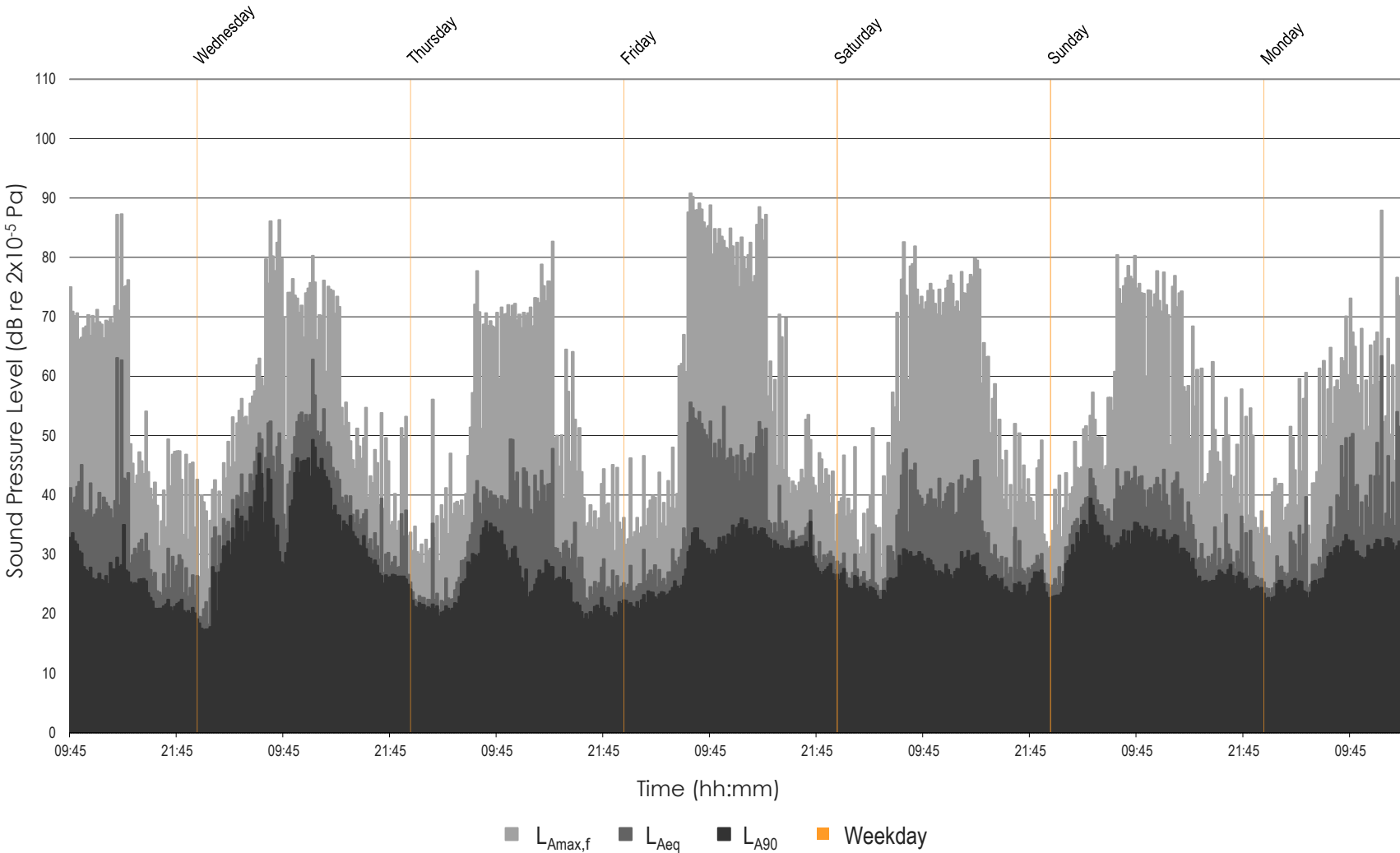
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP38 - Tuesday 26 November to Monday 2 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP39 - Tuesday 26 November to Monday 2 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP40 - Tuesday 26 November to Monday 2 December 2024

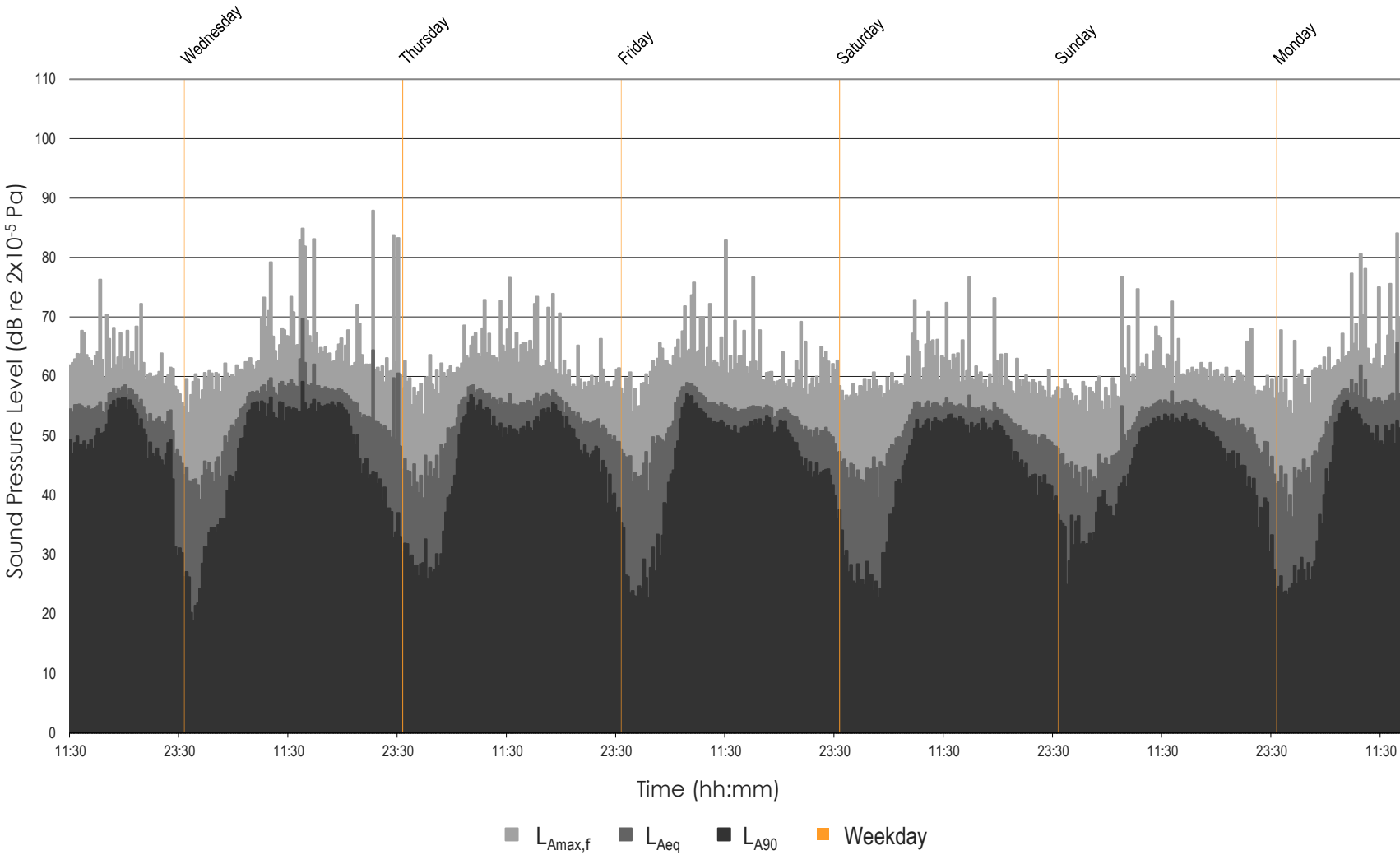


Appendix 12.1 Baseline Sound Survey Report

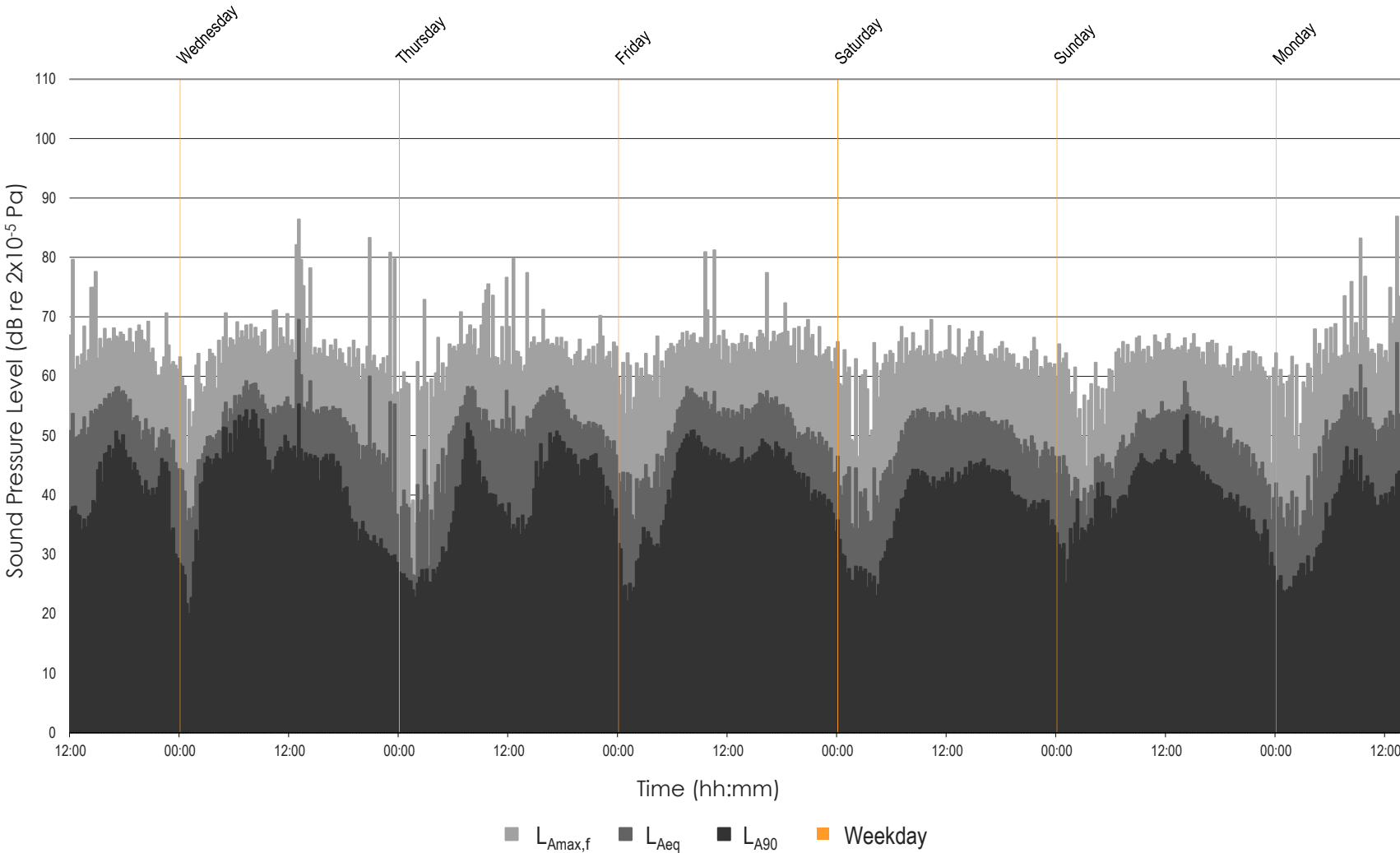
C.4 Parcel Group 4



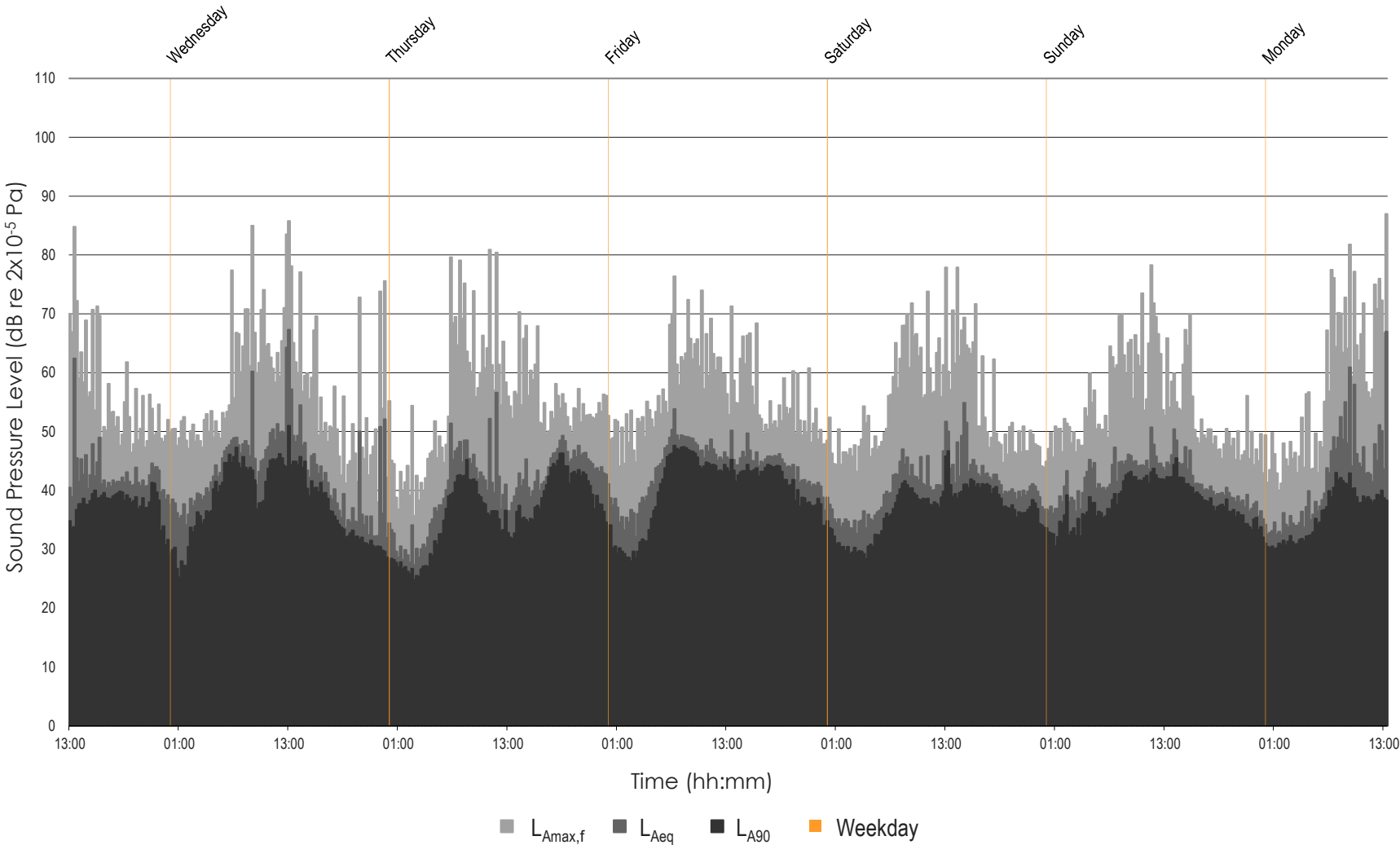
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP25 - Tuesday 26 November to Monday 2 December 2024



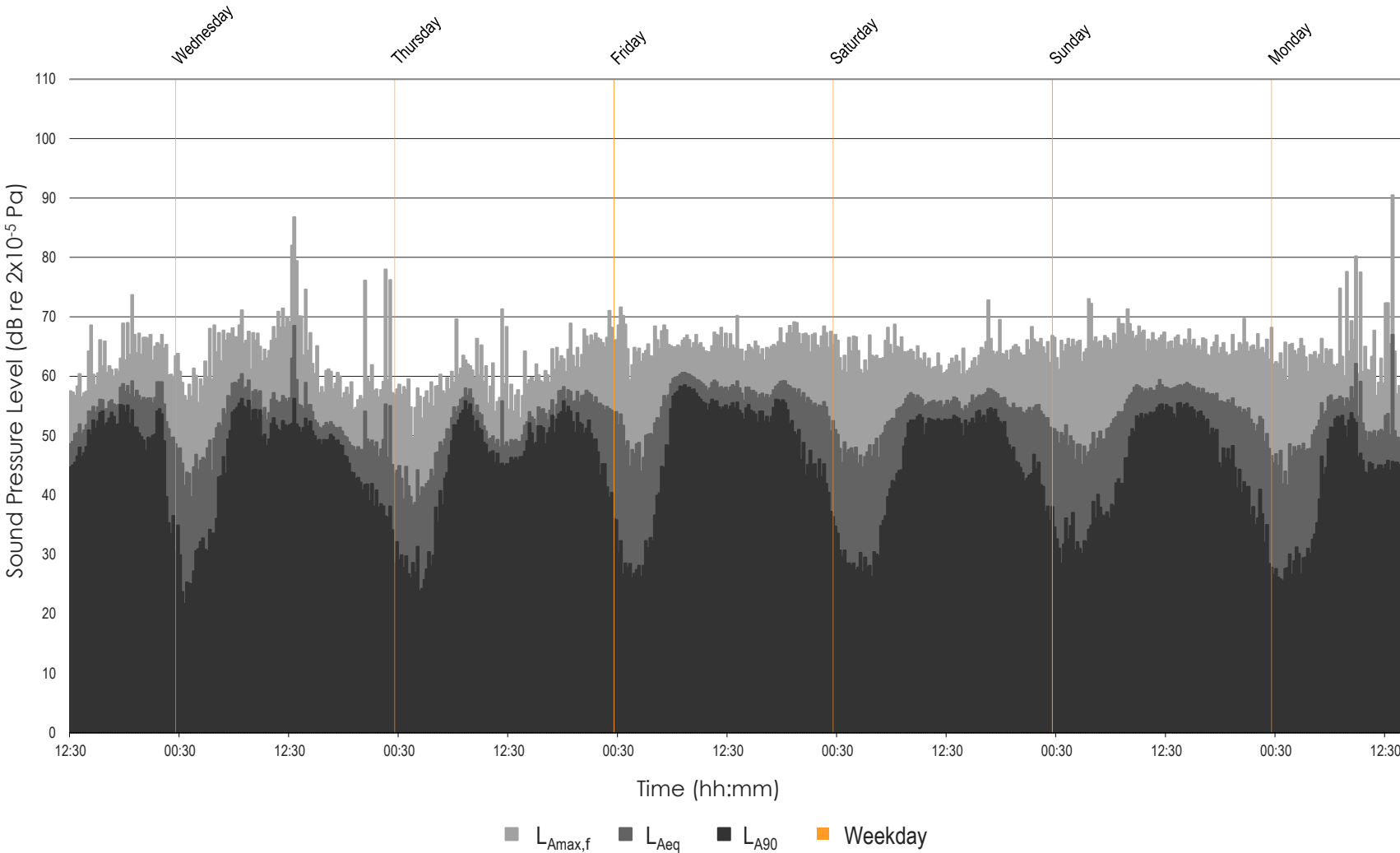
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP26 - Tuesday 26 November to Monday 2 December 2024



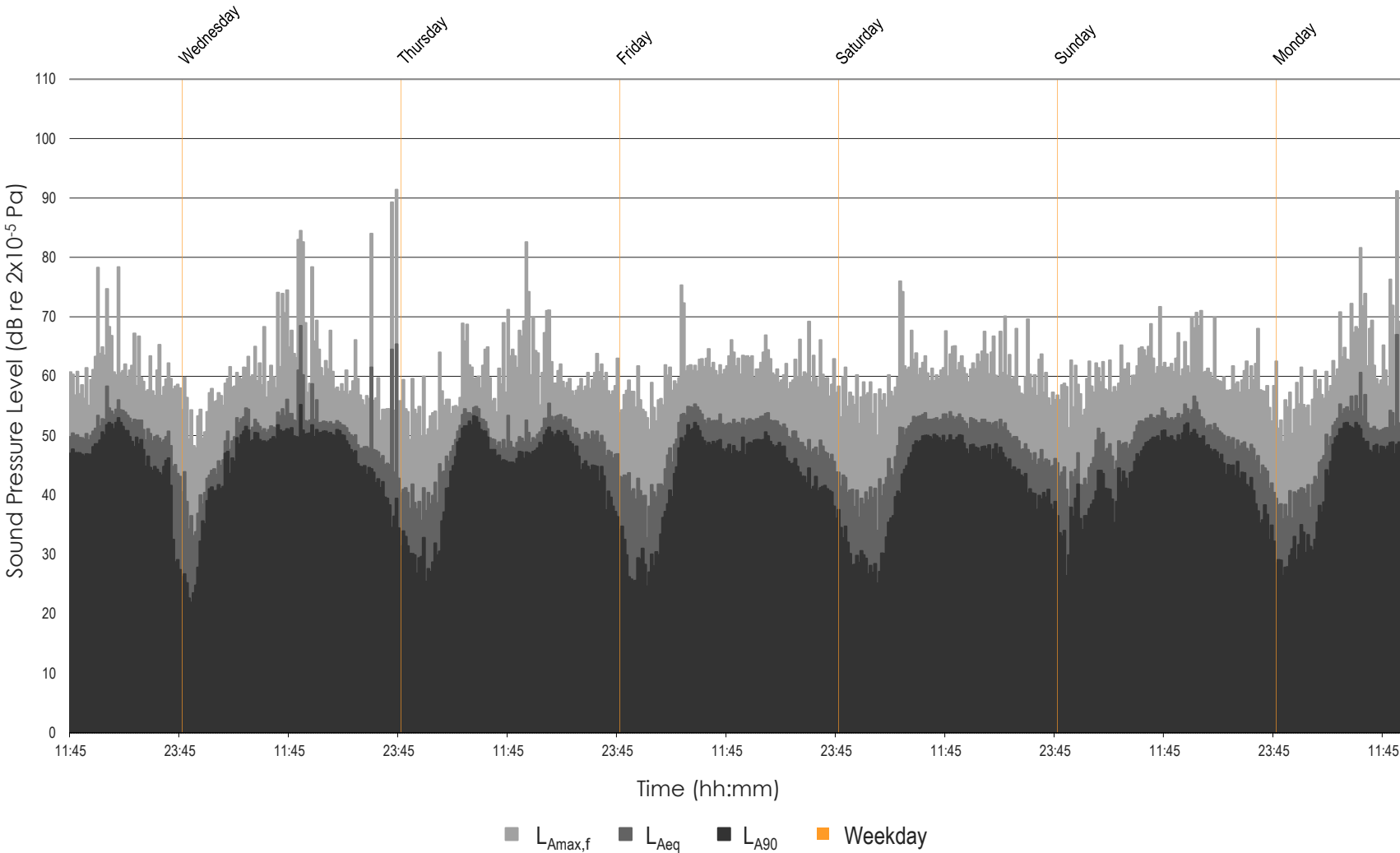
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP27 - Tuesday 26 November to Monday 2 December 2024



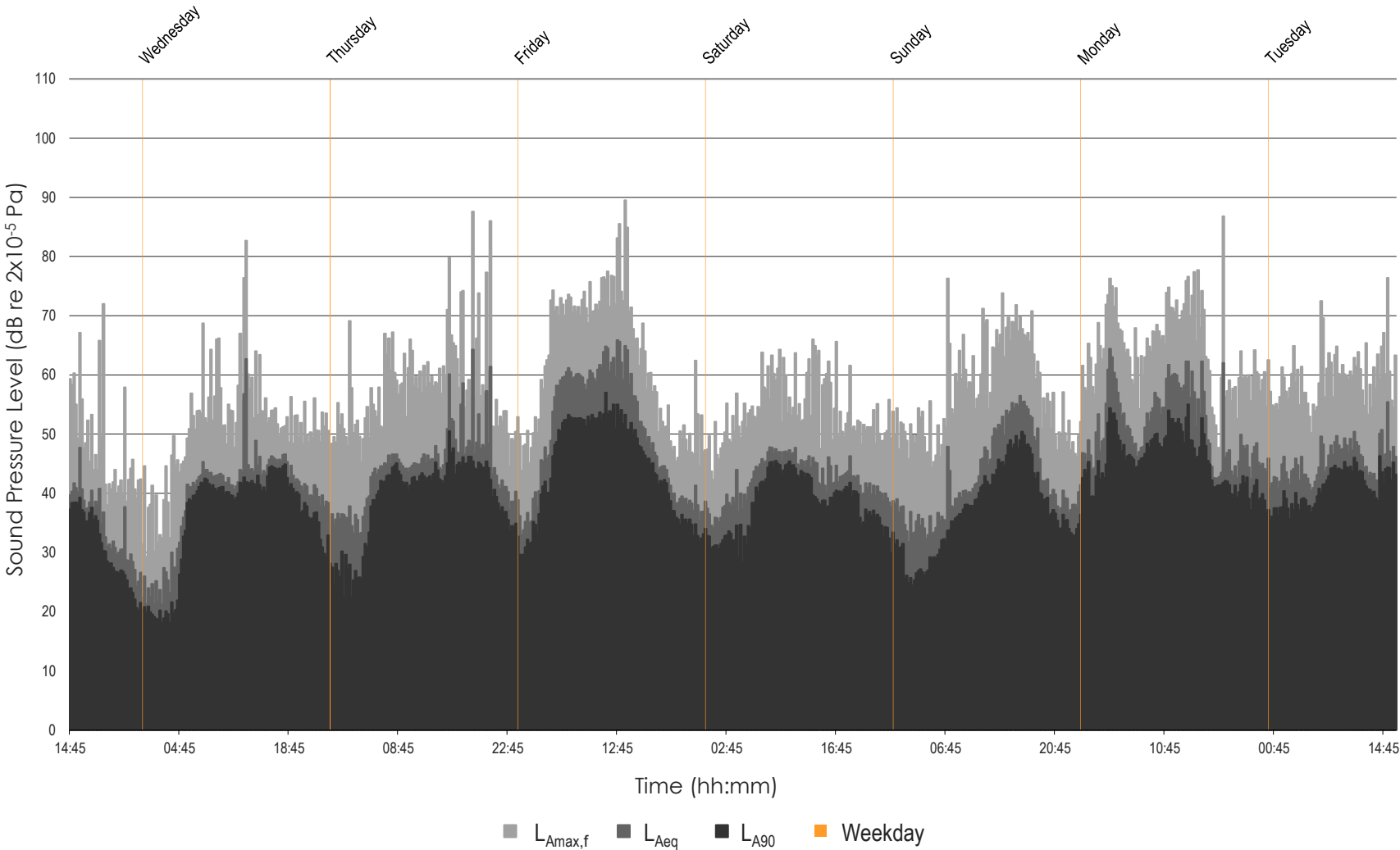
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP28 - Tuesday 26 November to Monday 2 December 2024



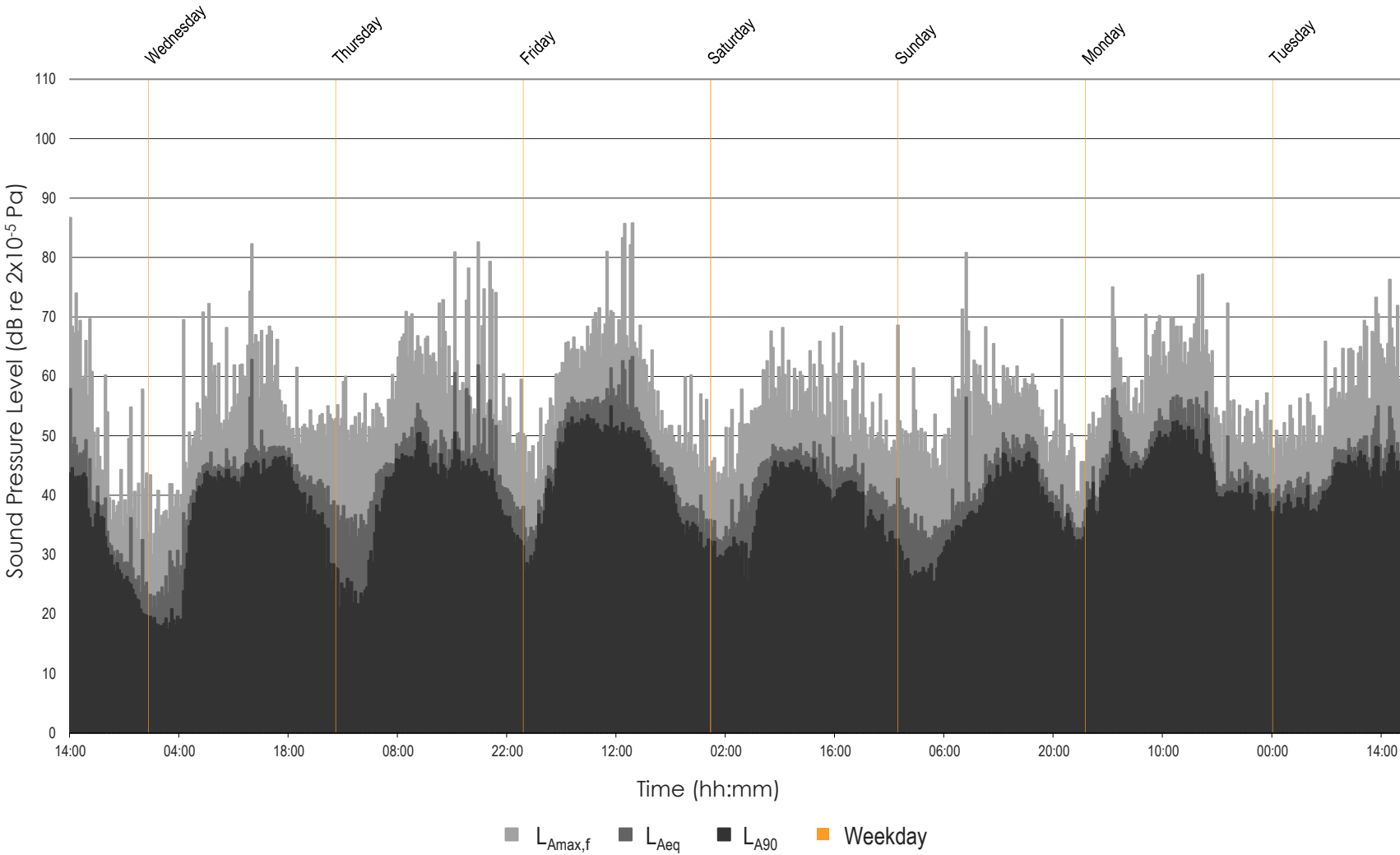
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP29 - Tuesday 26 November to Monday 2 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP30 - Tuesday 21 January to Tuesday 28 January 2025



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP51 - Tuesday 21 January to Tuesday 28 January 2025

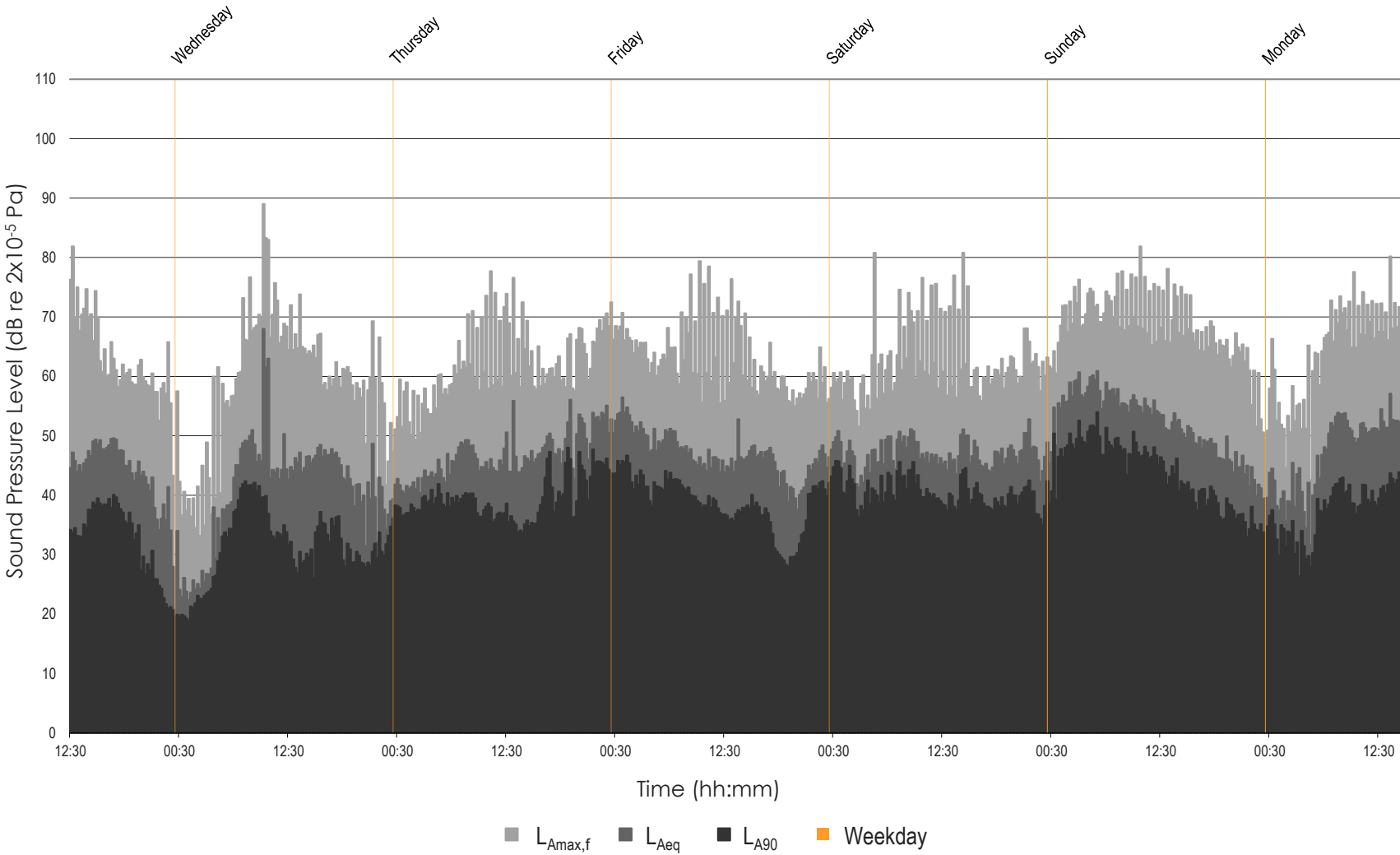


Appendix 12.1 Baseline Sound Survey Report

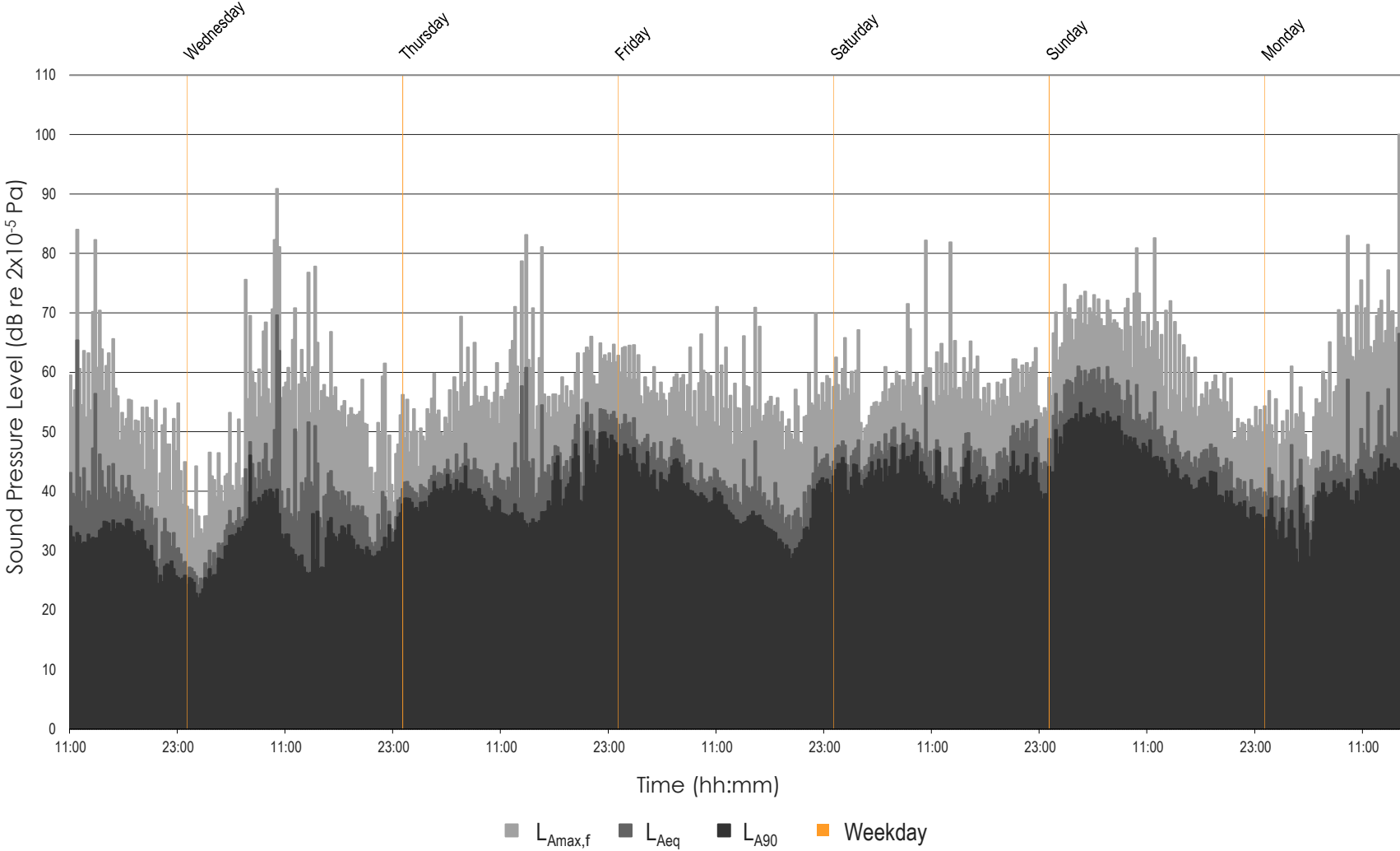
C.5 Parcel Group 5



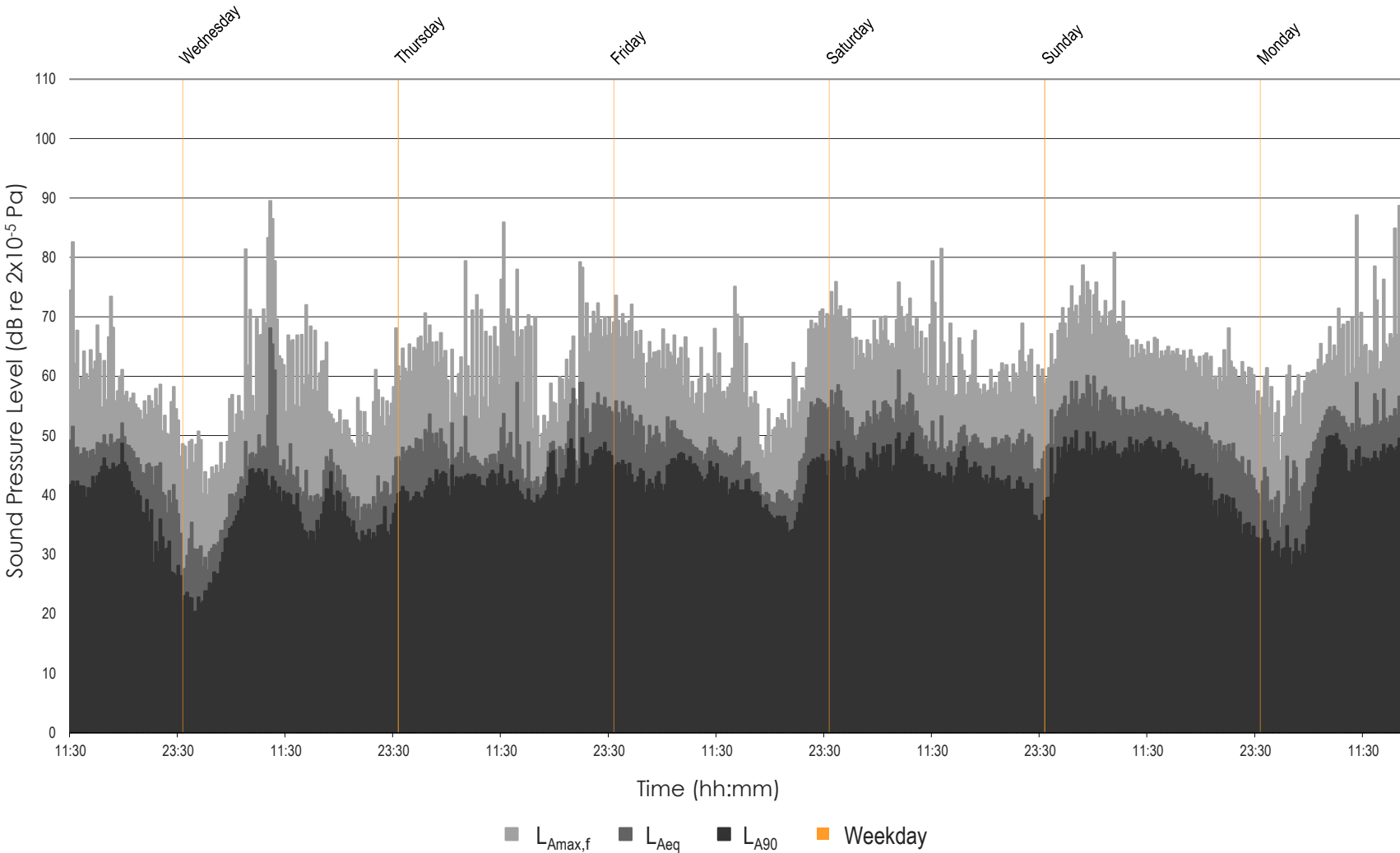
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP31 - Tuesday 3 December to Monday 9 December 2024



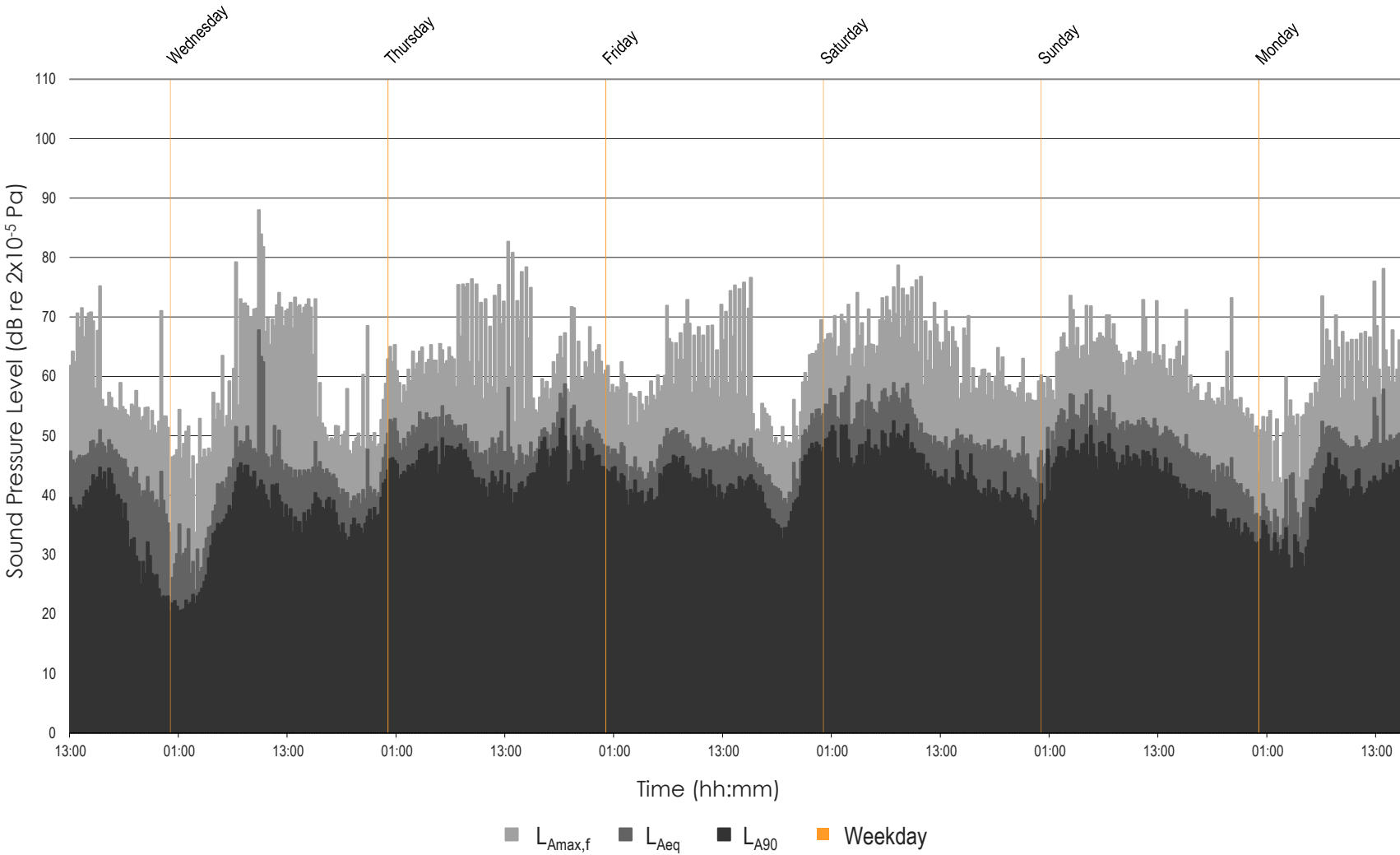
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP32 - Tuesday 3 December to Monday 9 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP33 - Tuesday 3 December to Monday 9 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP34 - Tuesday 3 December to Monday 9 December 2024

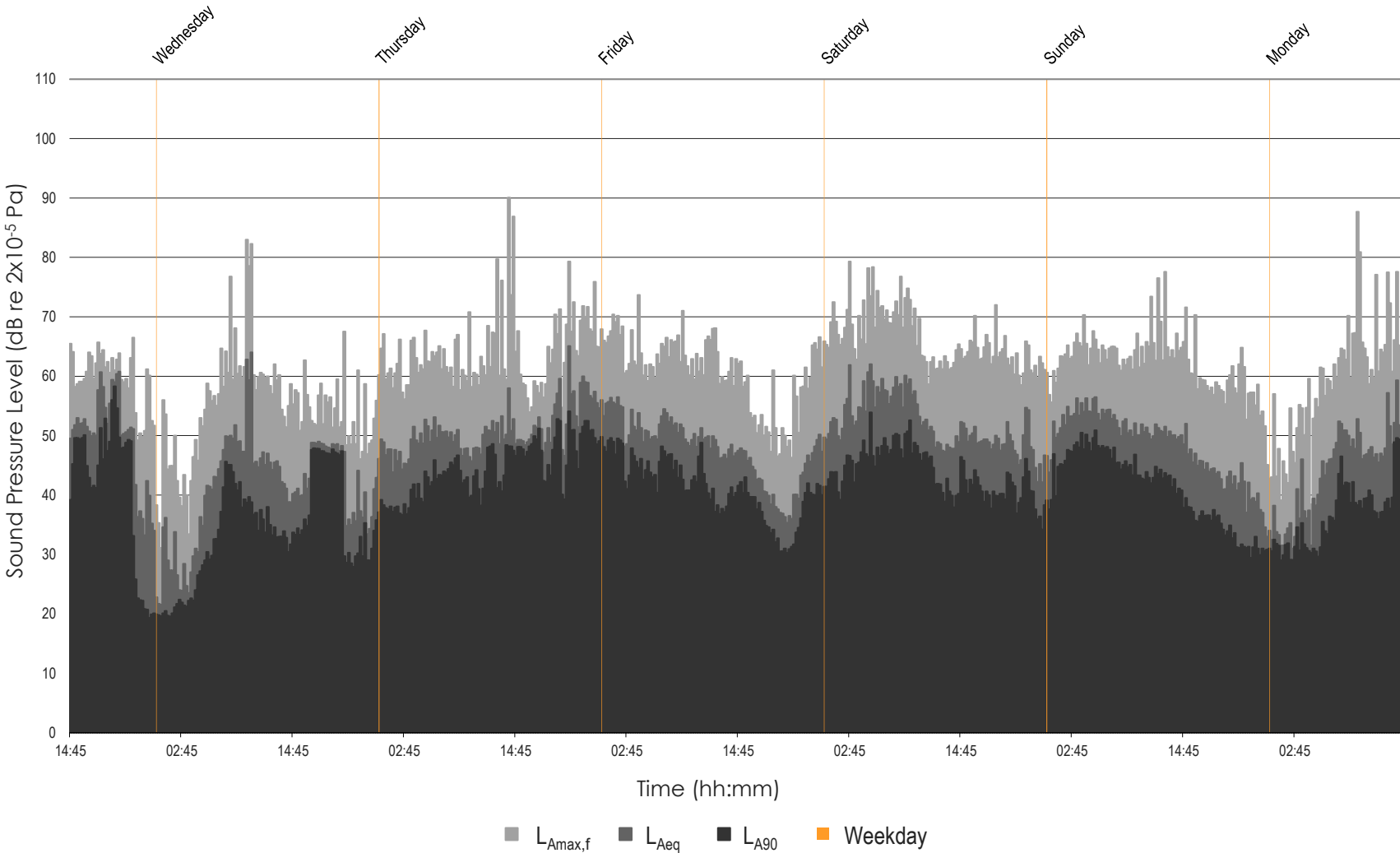


Appendix 12.1 Baseline Sound Survey Report

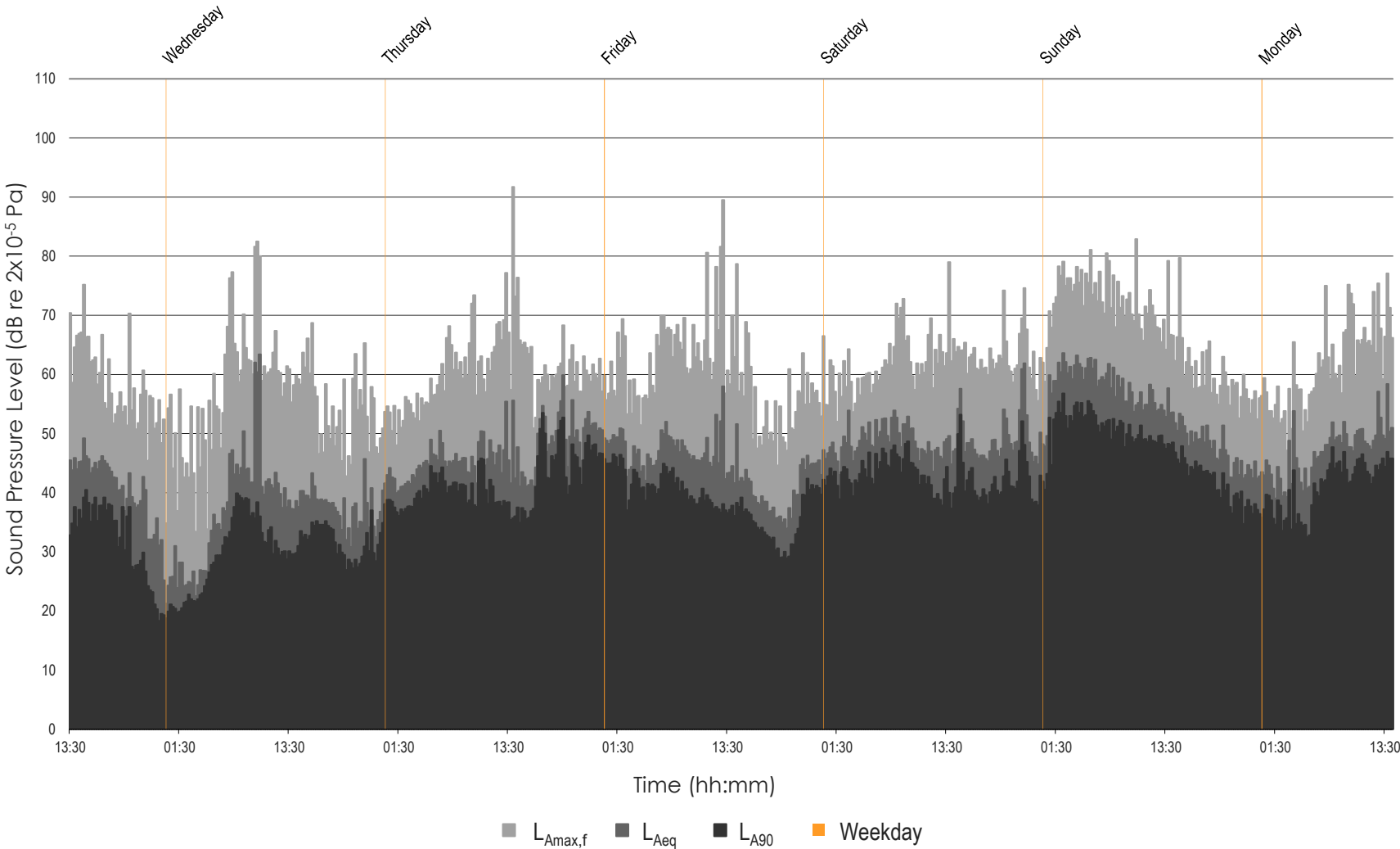
C.6 Parcel Group 6



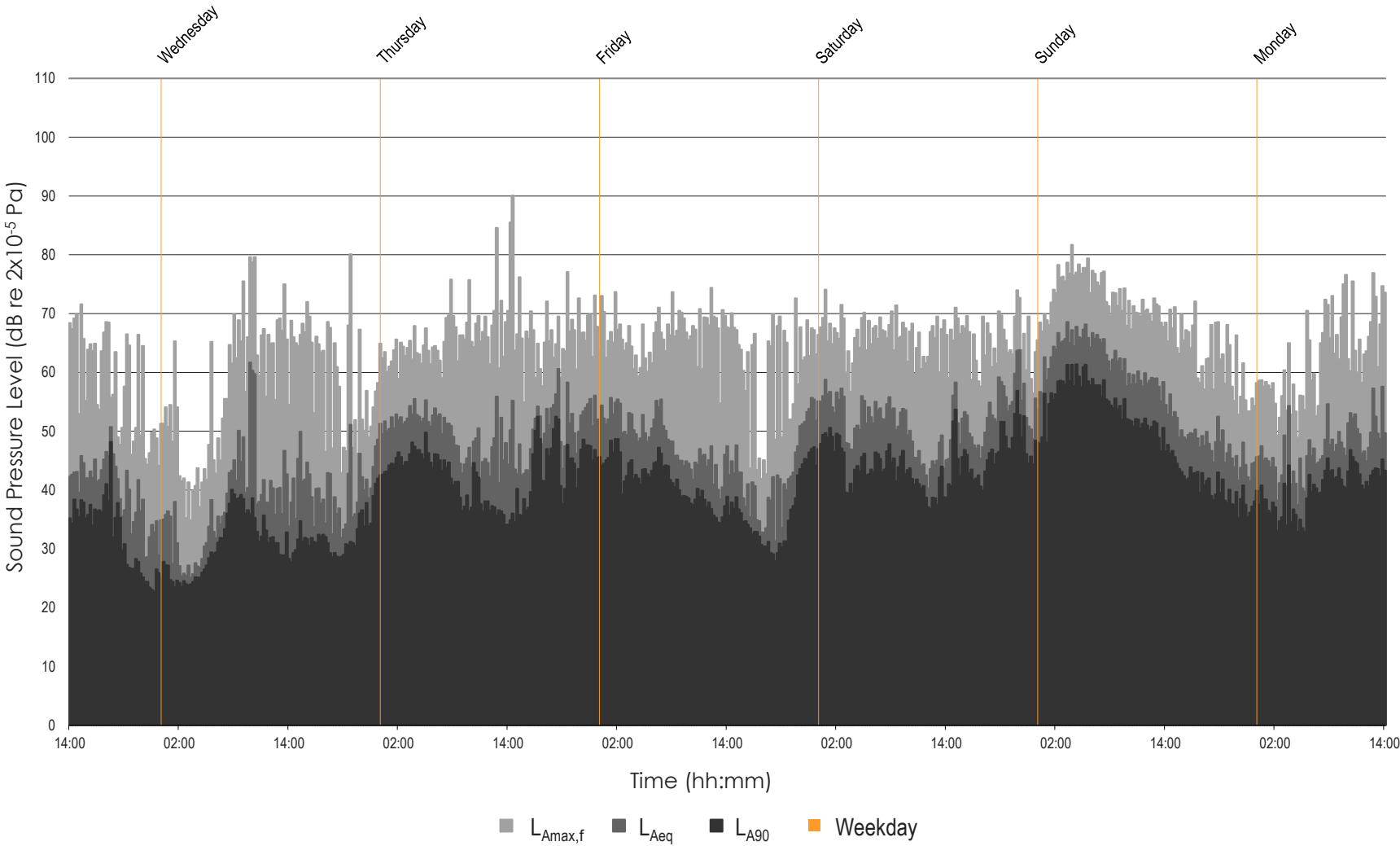
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP35 - Tuesday 3 December to Monday 9 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP36 - Tuesday 3 December to Monday 9 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP37 - Tuesday 3 December to Monday 9 December 2024

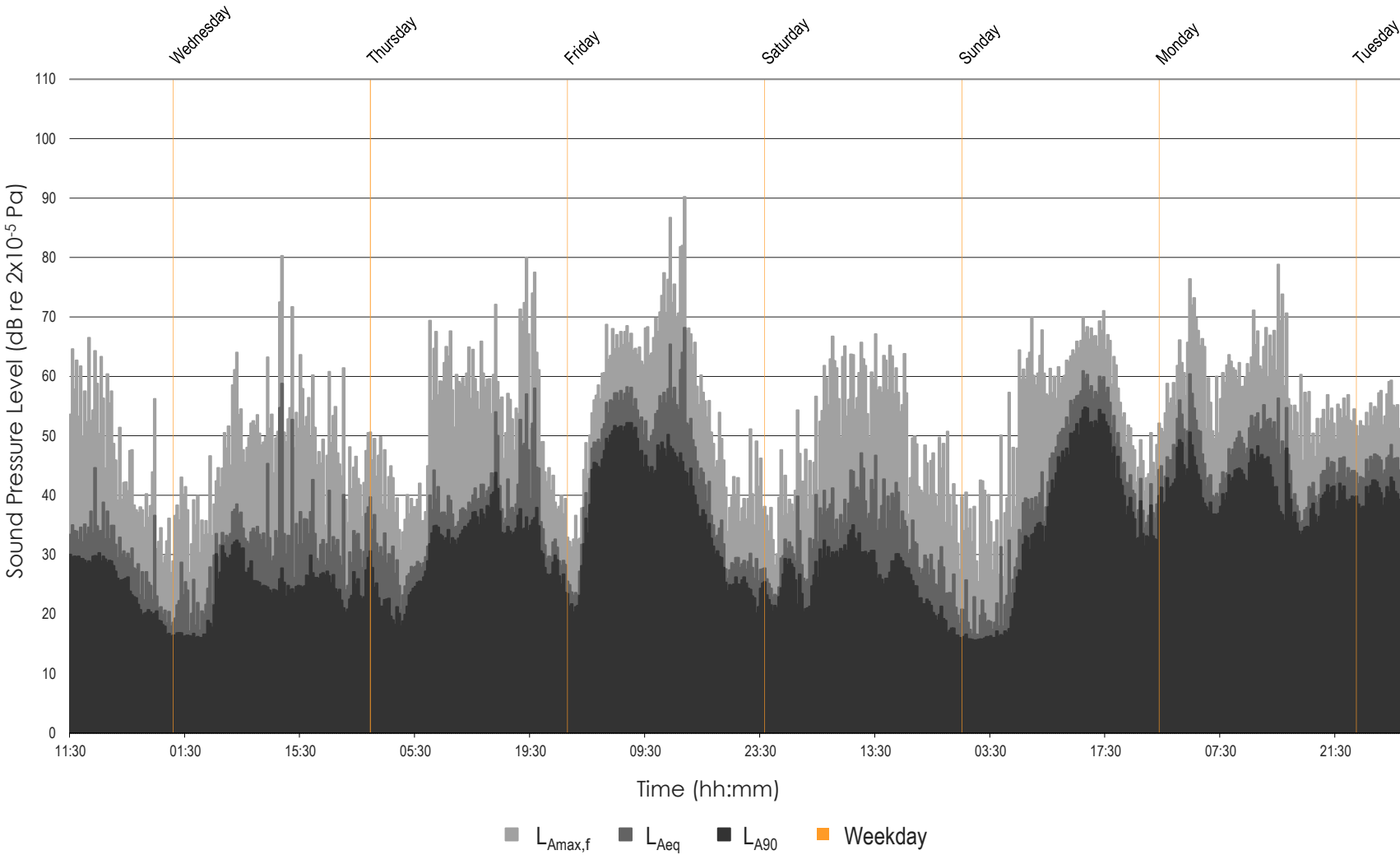


Appendix 12.1 Baseline Sound Survey Report

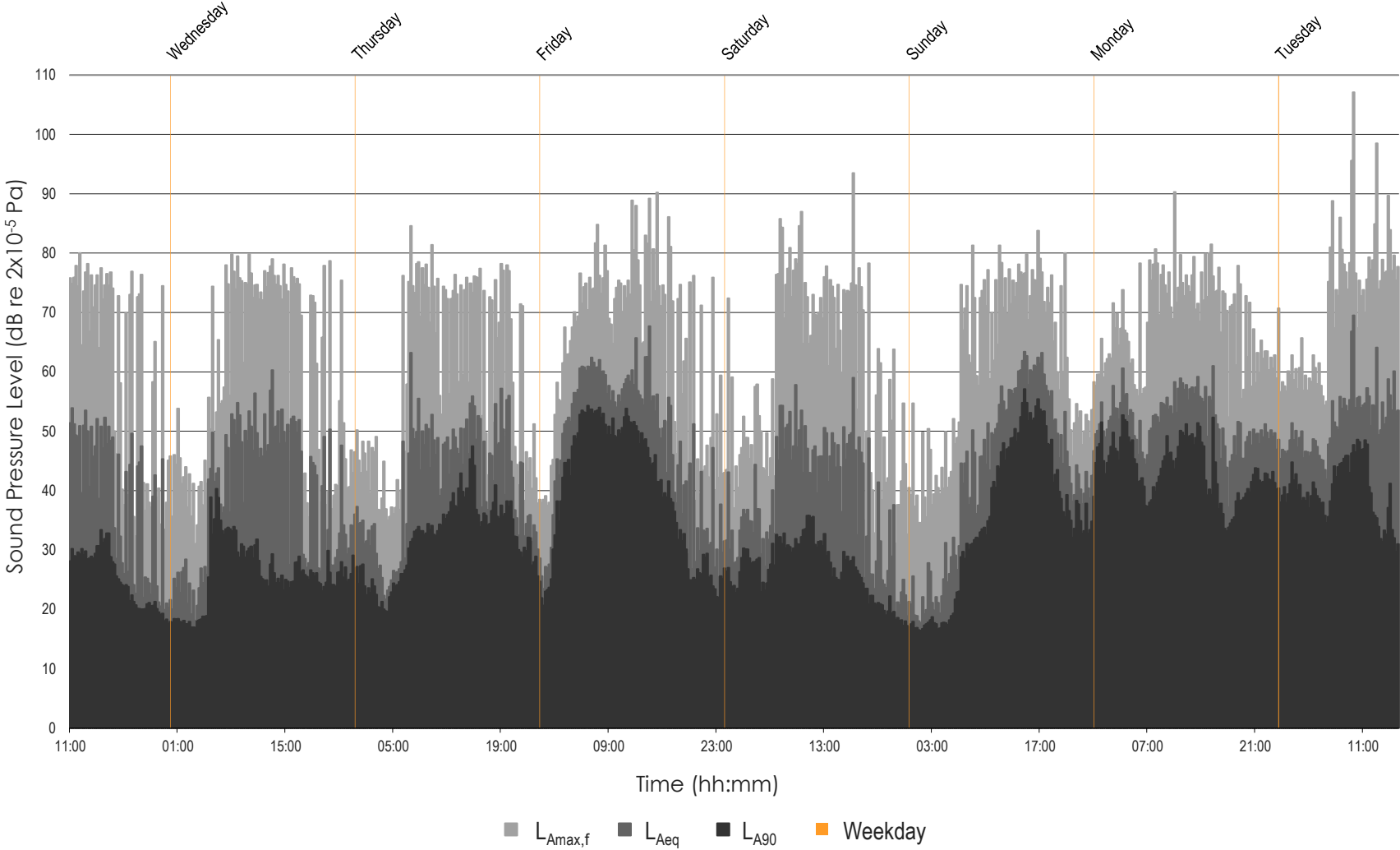
C.7 Parcel Group 7



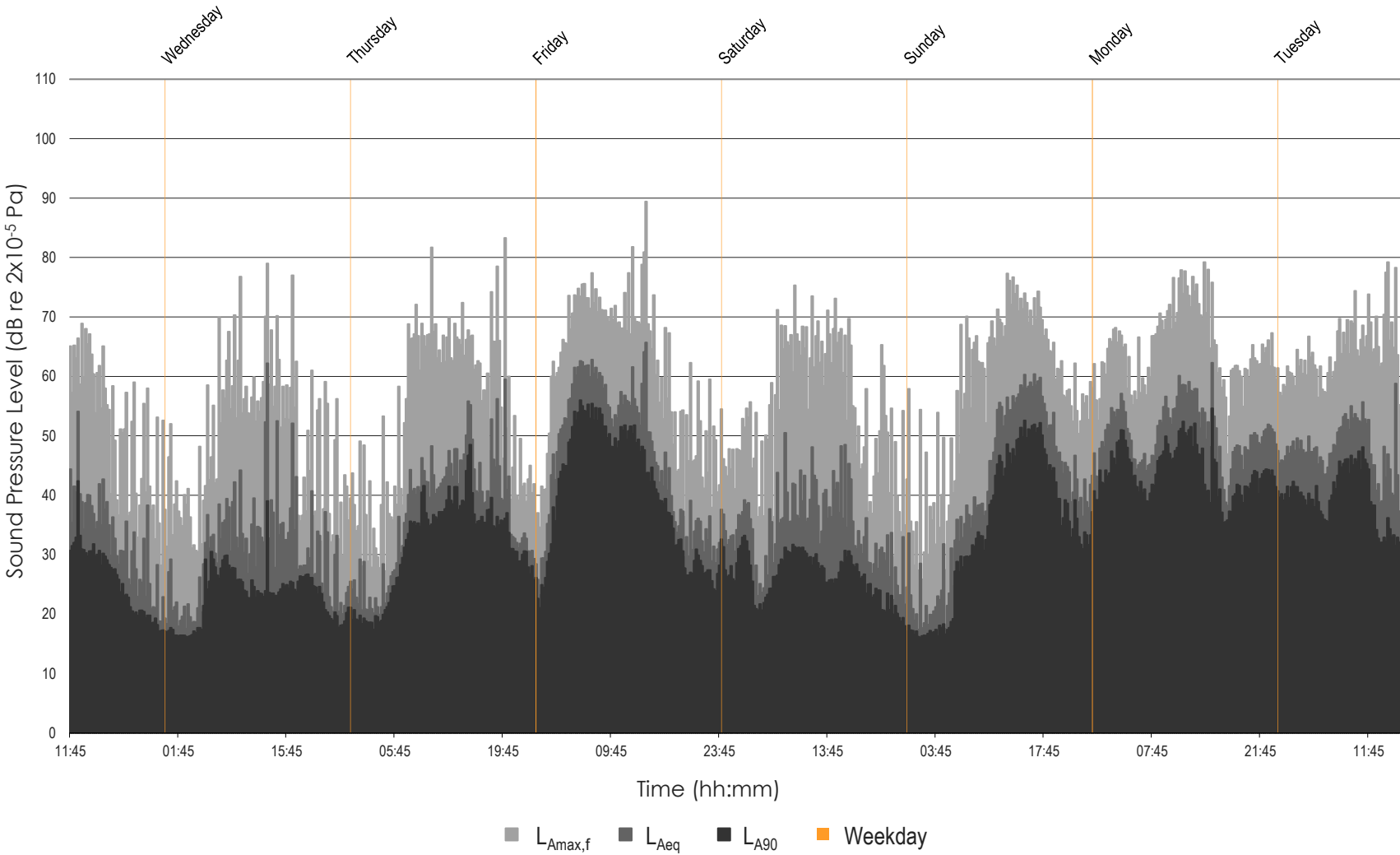
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP14 - Tuesday 21 January to Tuesday 28 January 2025



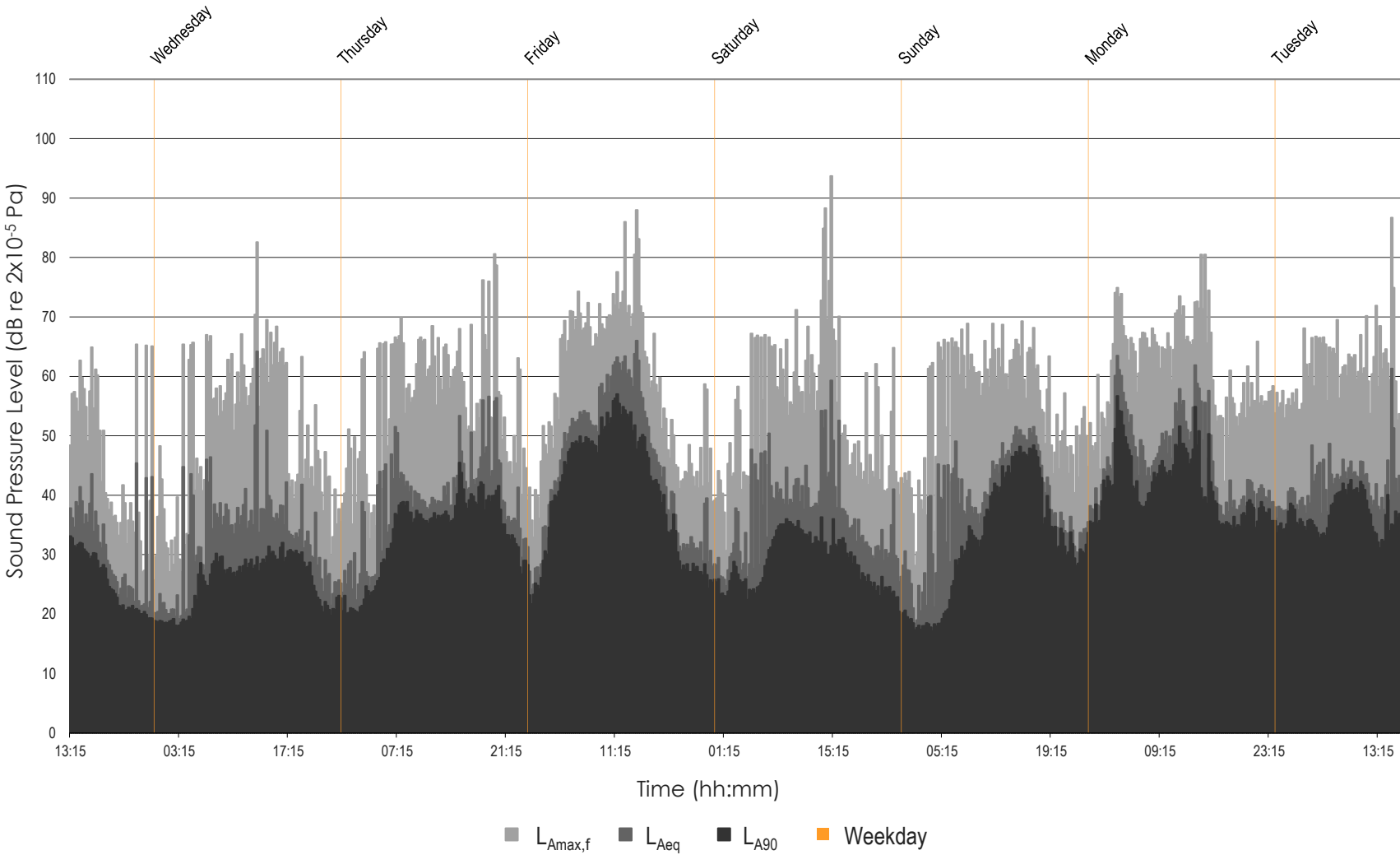
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP15 - Tuesday 21 January to Tuesday 28 January 2025



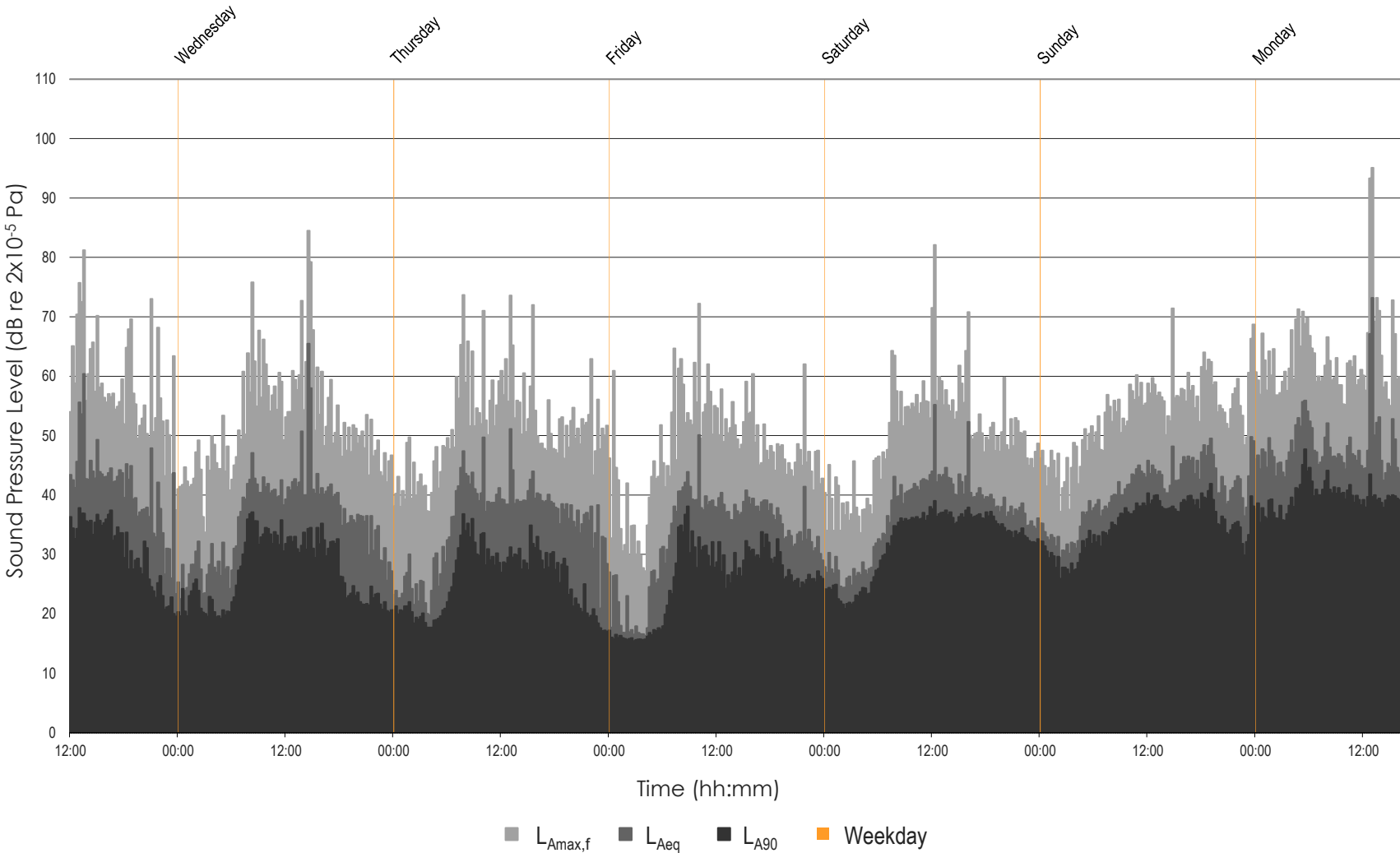
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP16 - Tuesday 21 January to Tuesday 28 January 2025



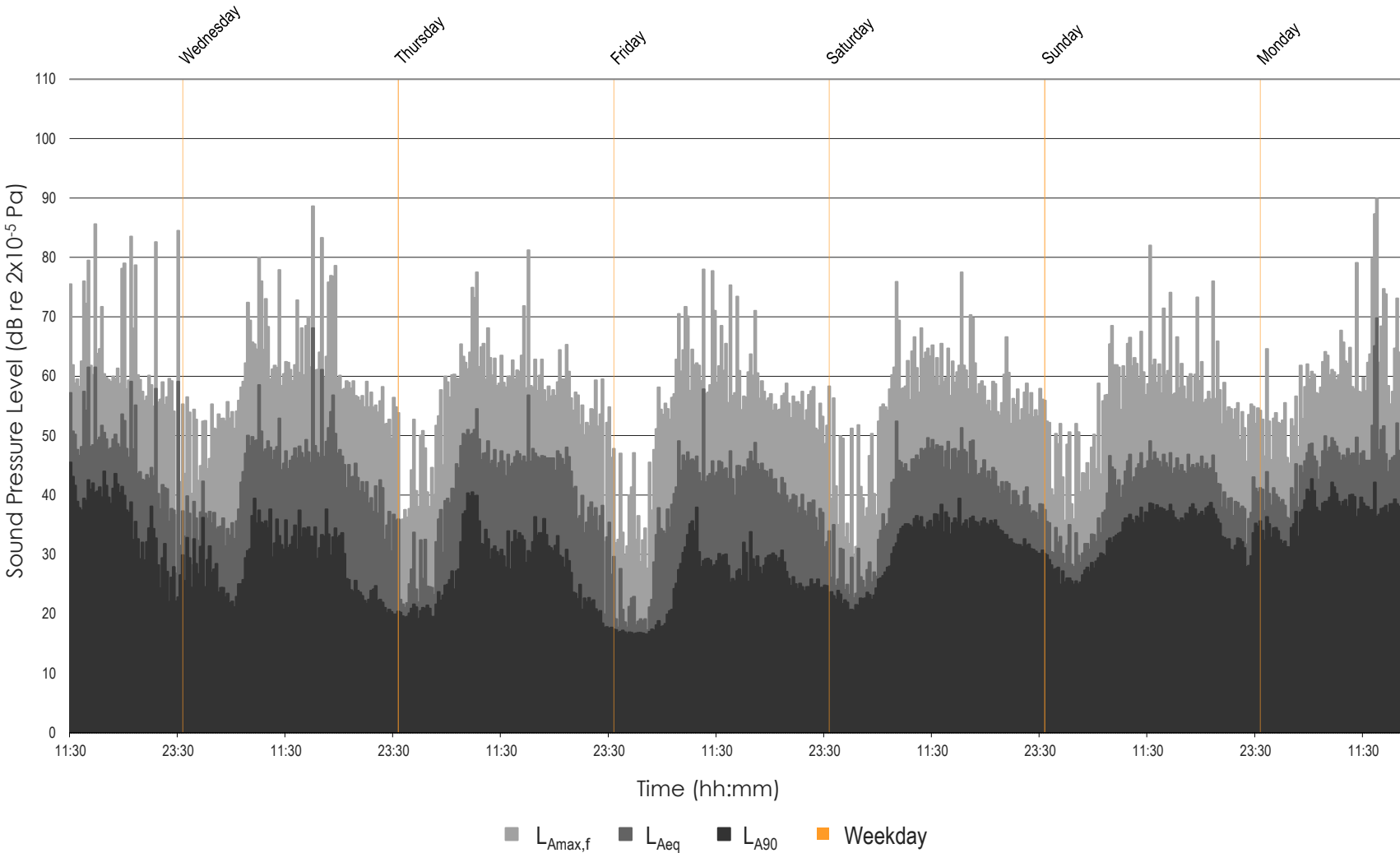
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP17 - Tuesday 21 January to Tuesday 28 January 2025



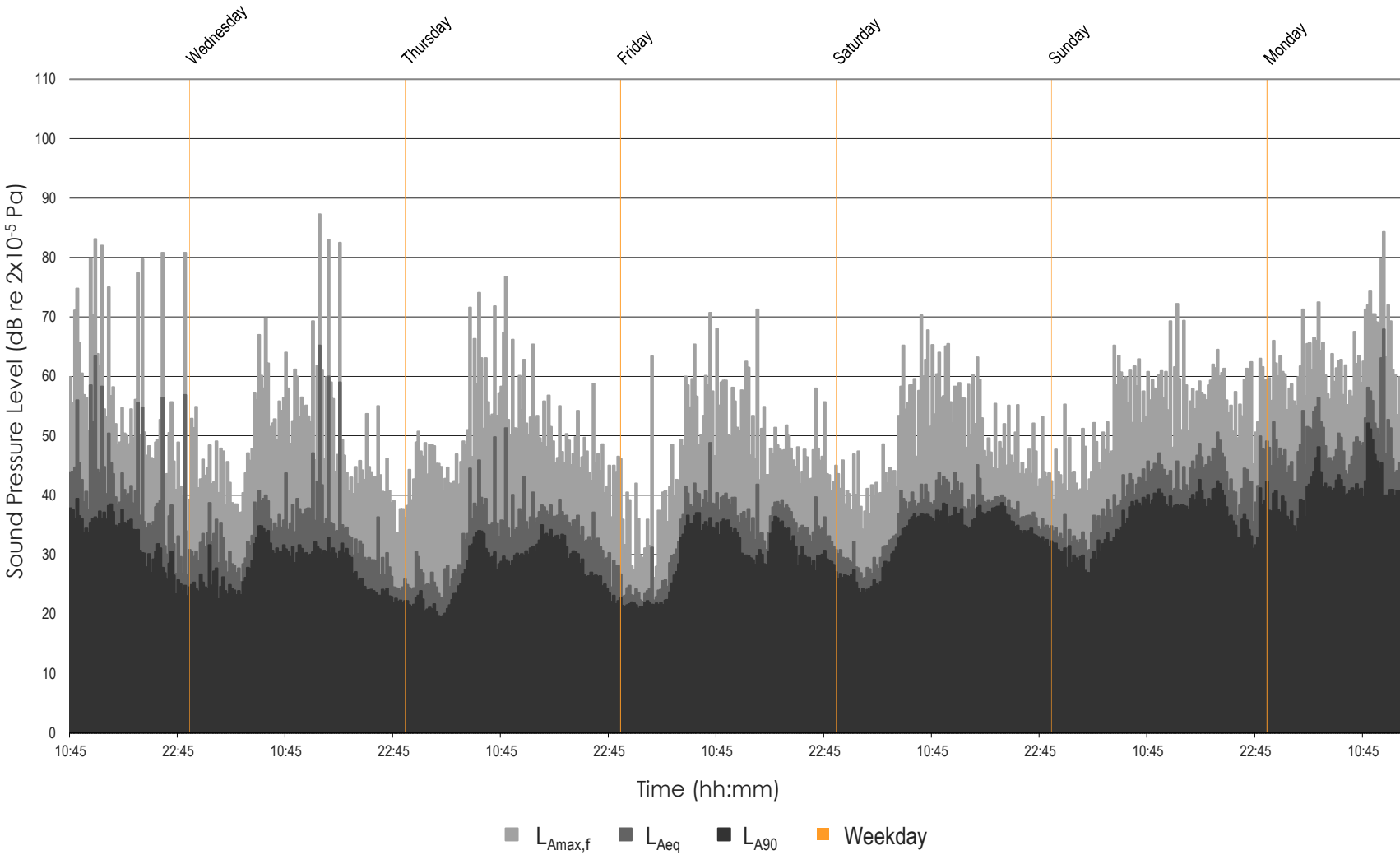
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP18 - Tuesday 10 December to Monday 16 December 2024



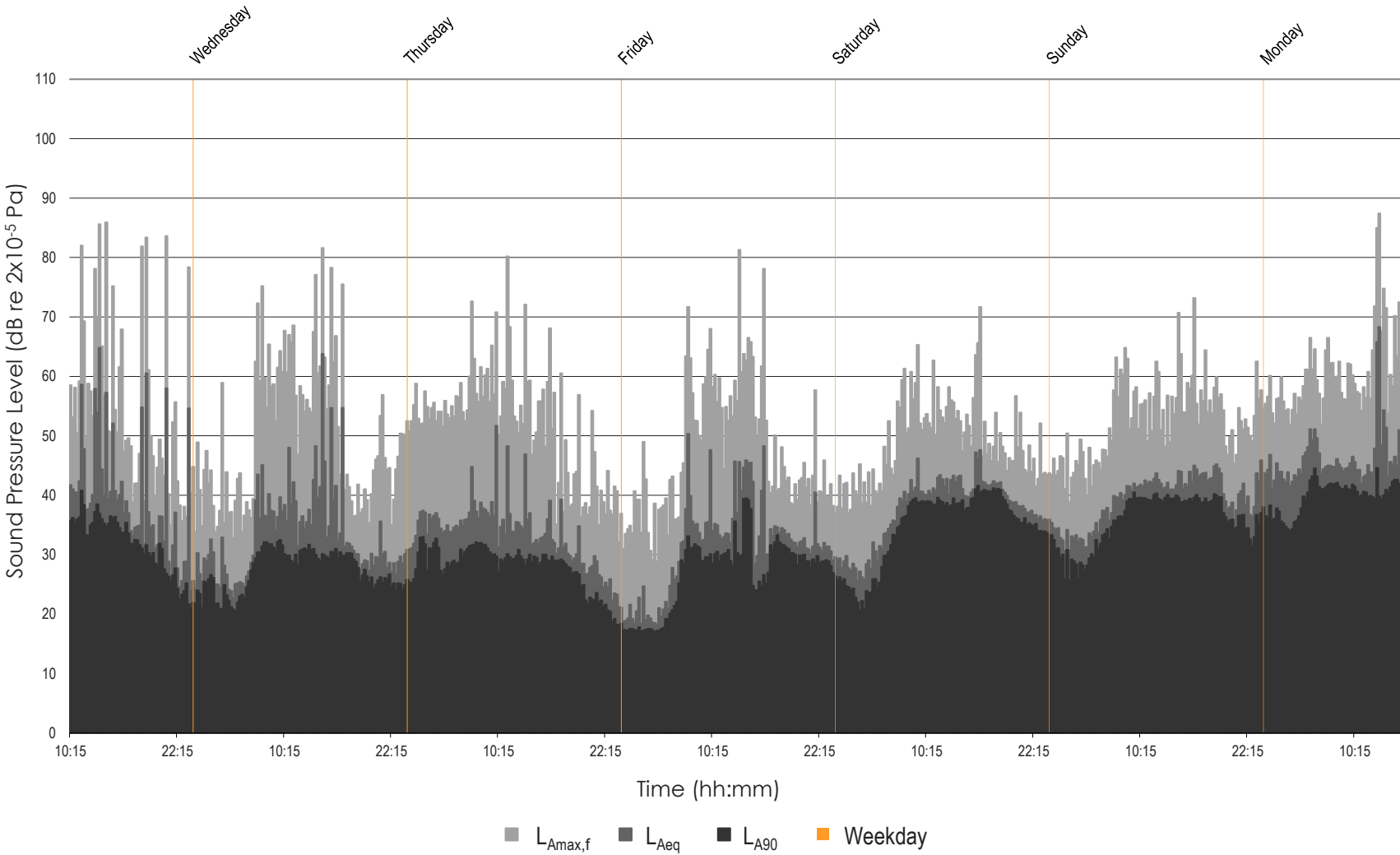
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP19 - Tuesday 10 December to Monday 16 December 2024



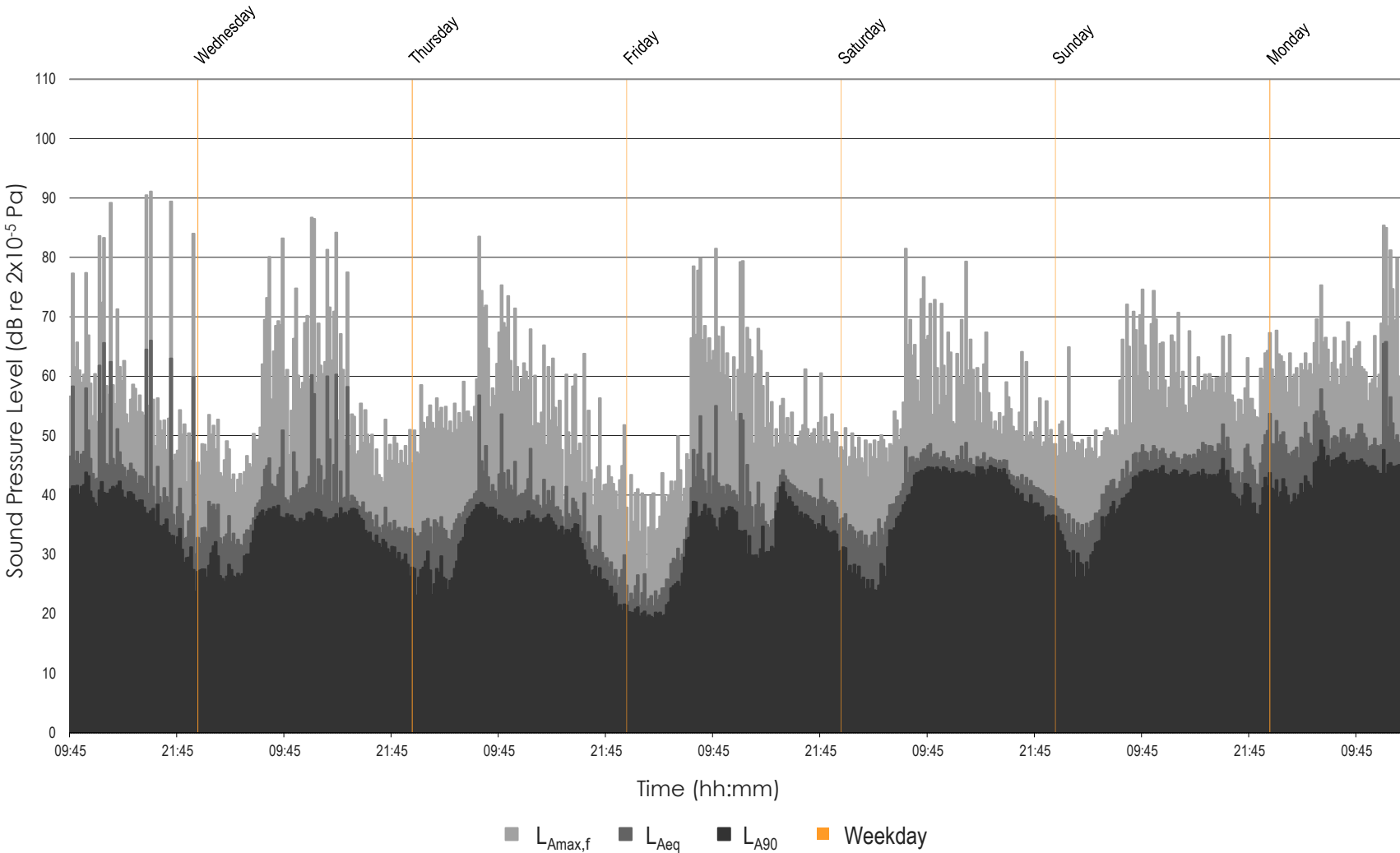
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP20 - Tuesday 10 December to Monday 16 December 2024



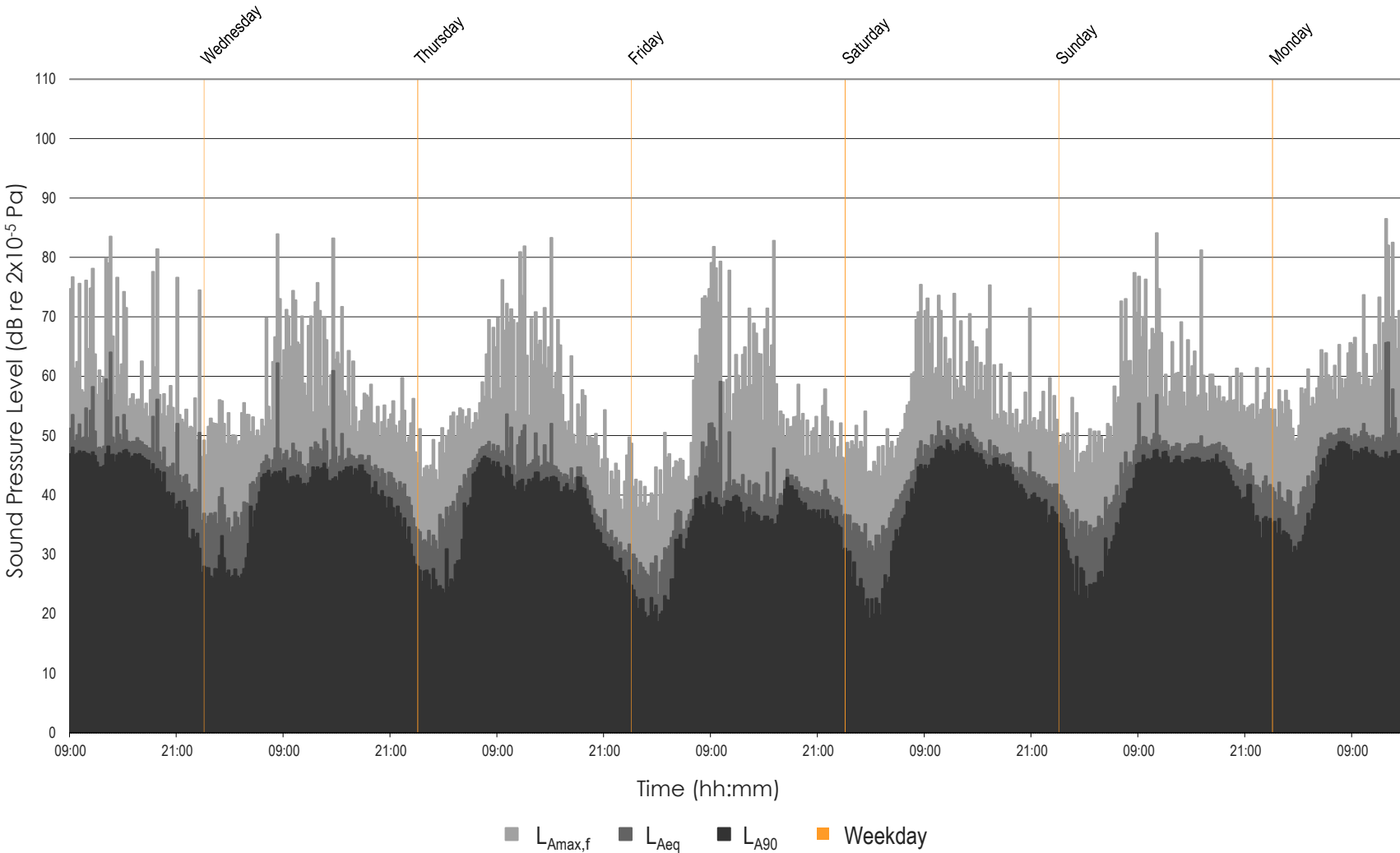
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP21 - Tuesday 10 December to Monday 16 December 2024



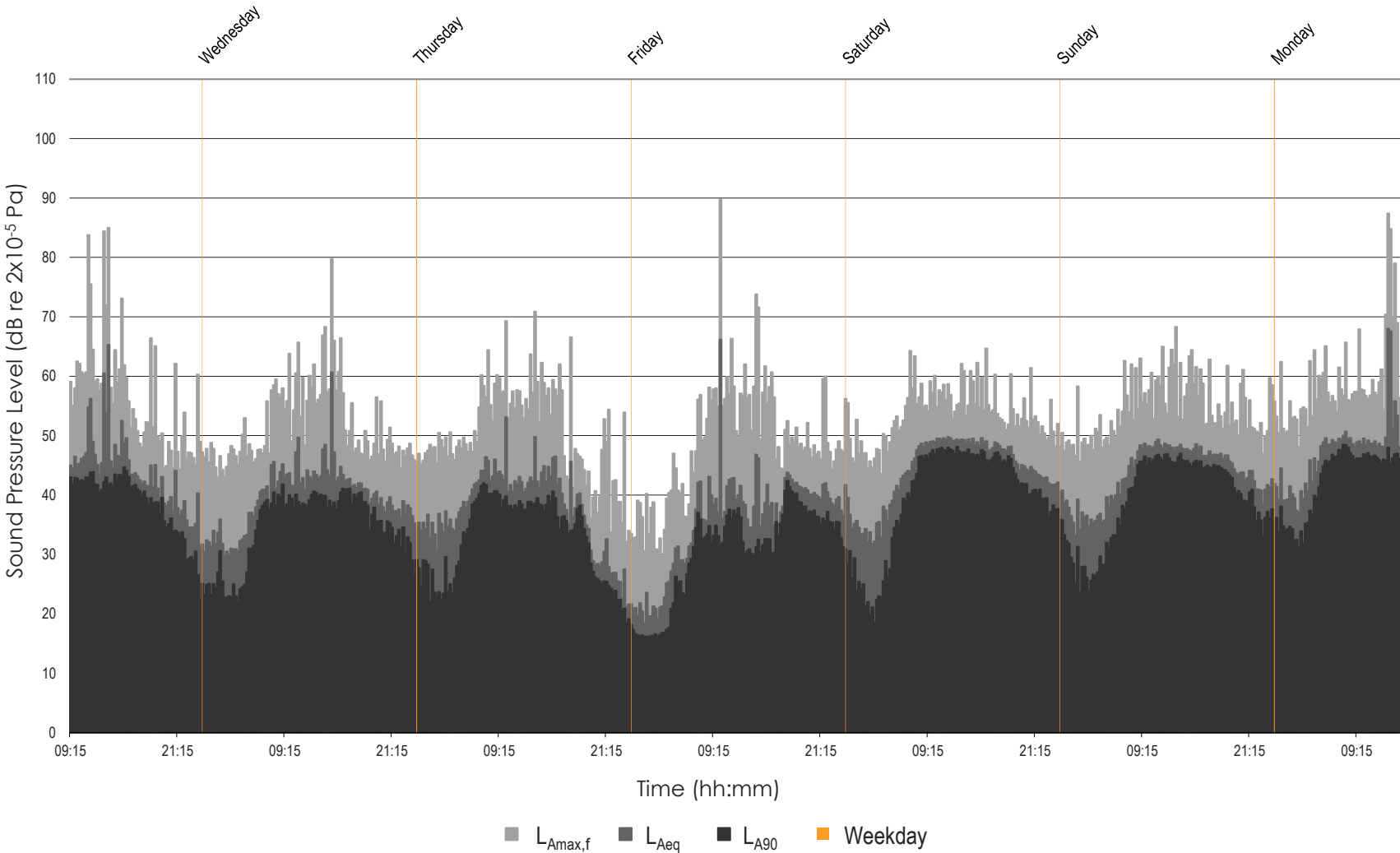
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP22 - Tuesday 10 December to Monday 16 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP23 - Tuesday 10 December to Monday 16 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP24 - Tuesday 10 December to Monday 16 December 2024

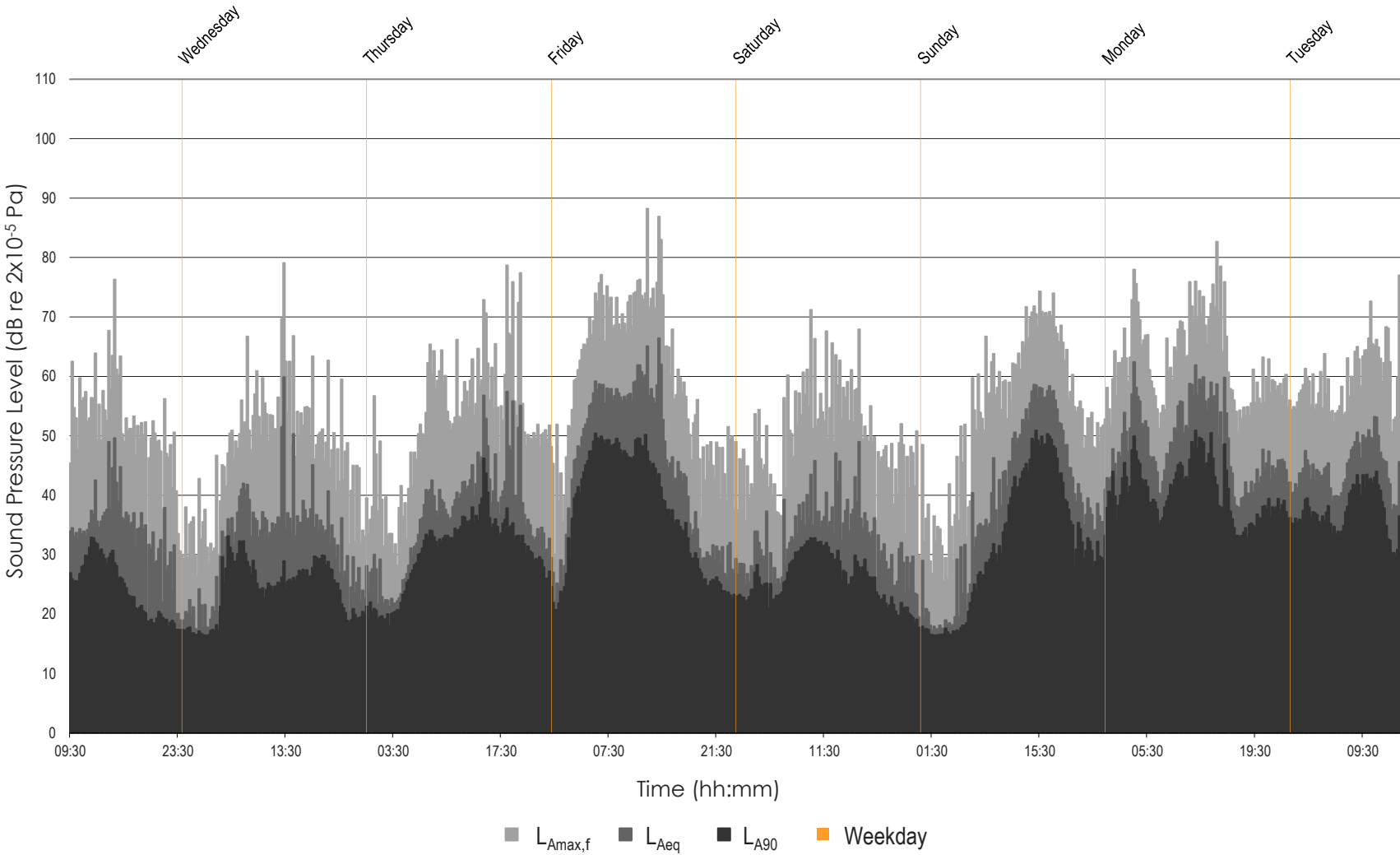


Appendix 12.1 Baseline Sound Survey Report

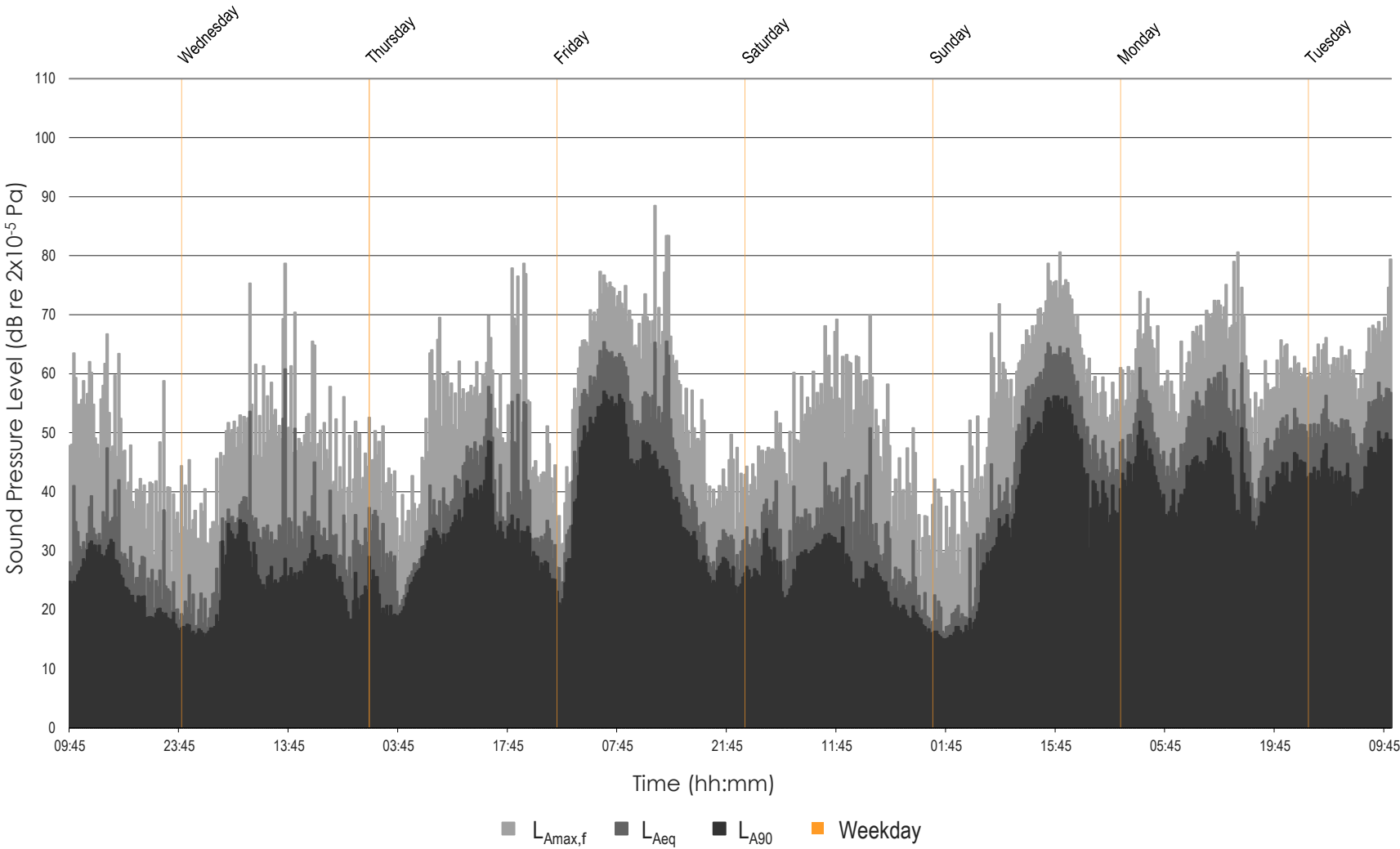
C.8 Parcel Group 8



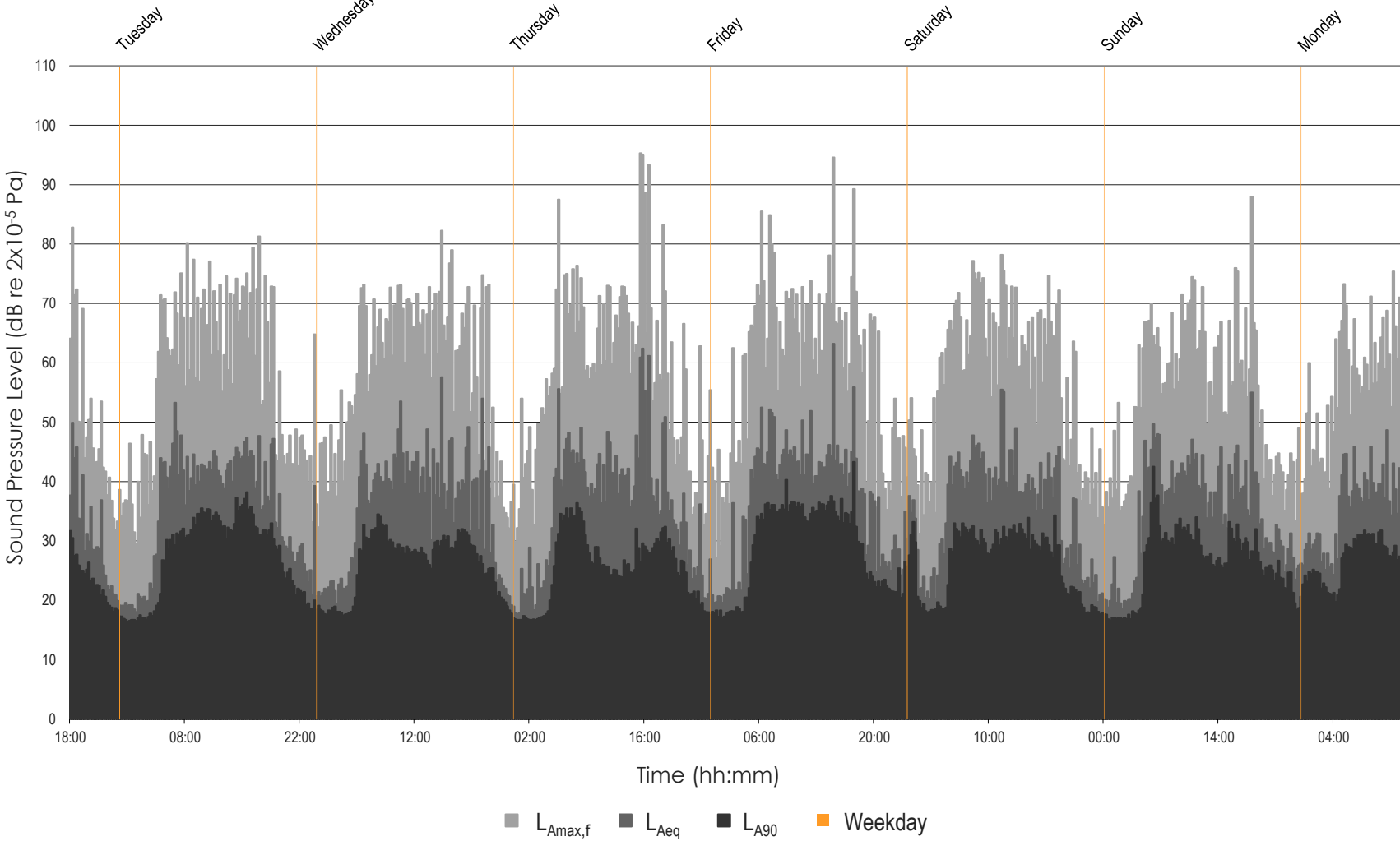
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP10 - Tuesday 21 January to Tuesday 28 January 2025



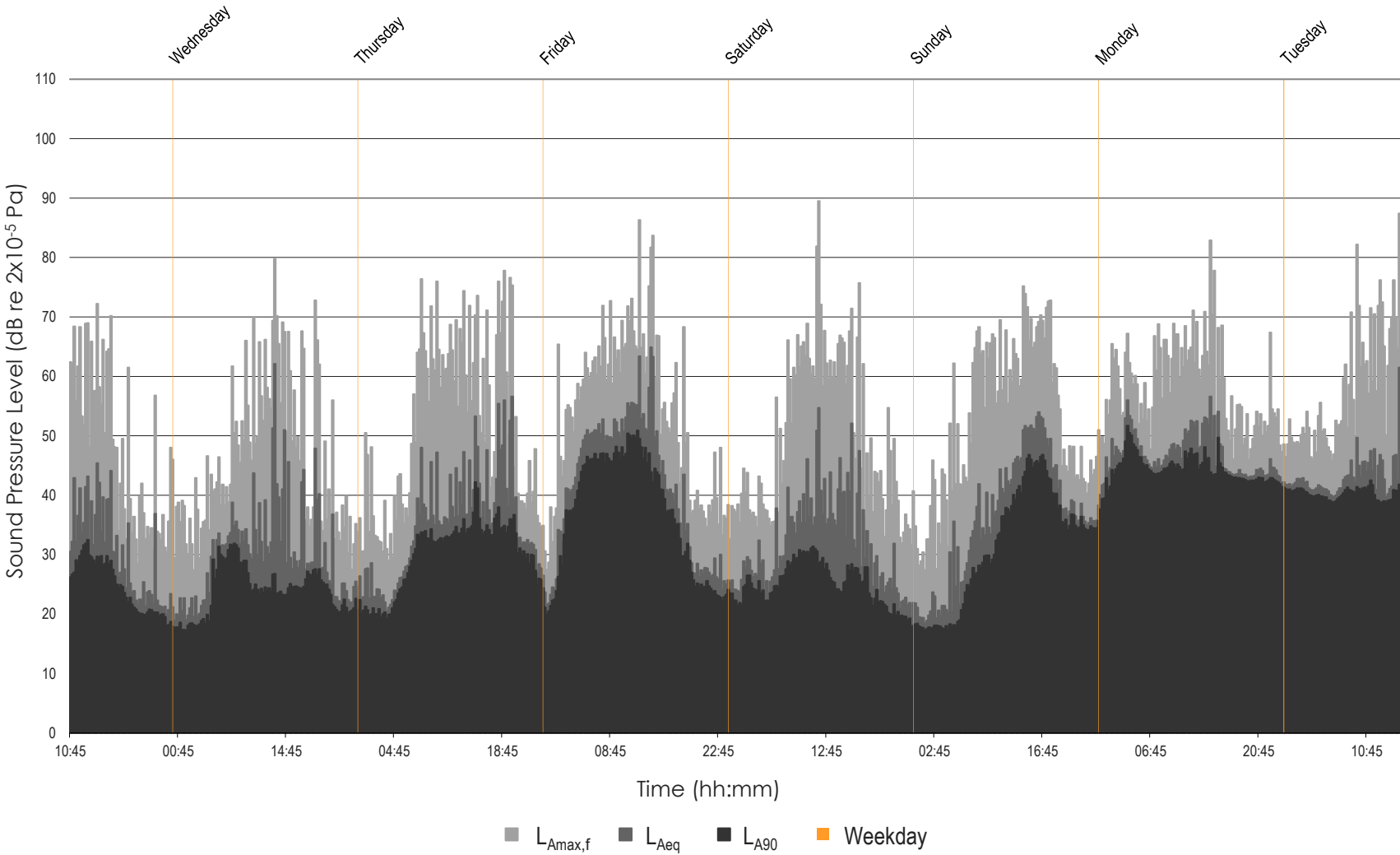
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP11 - Tuesday 21 January to Tuesday 28 January 2025



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP12 - Monday 17 March to Monday 24 March 2025



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP13 - Tuesday 21 January to Tuesday 28 January 2025

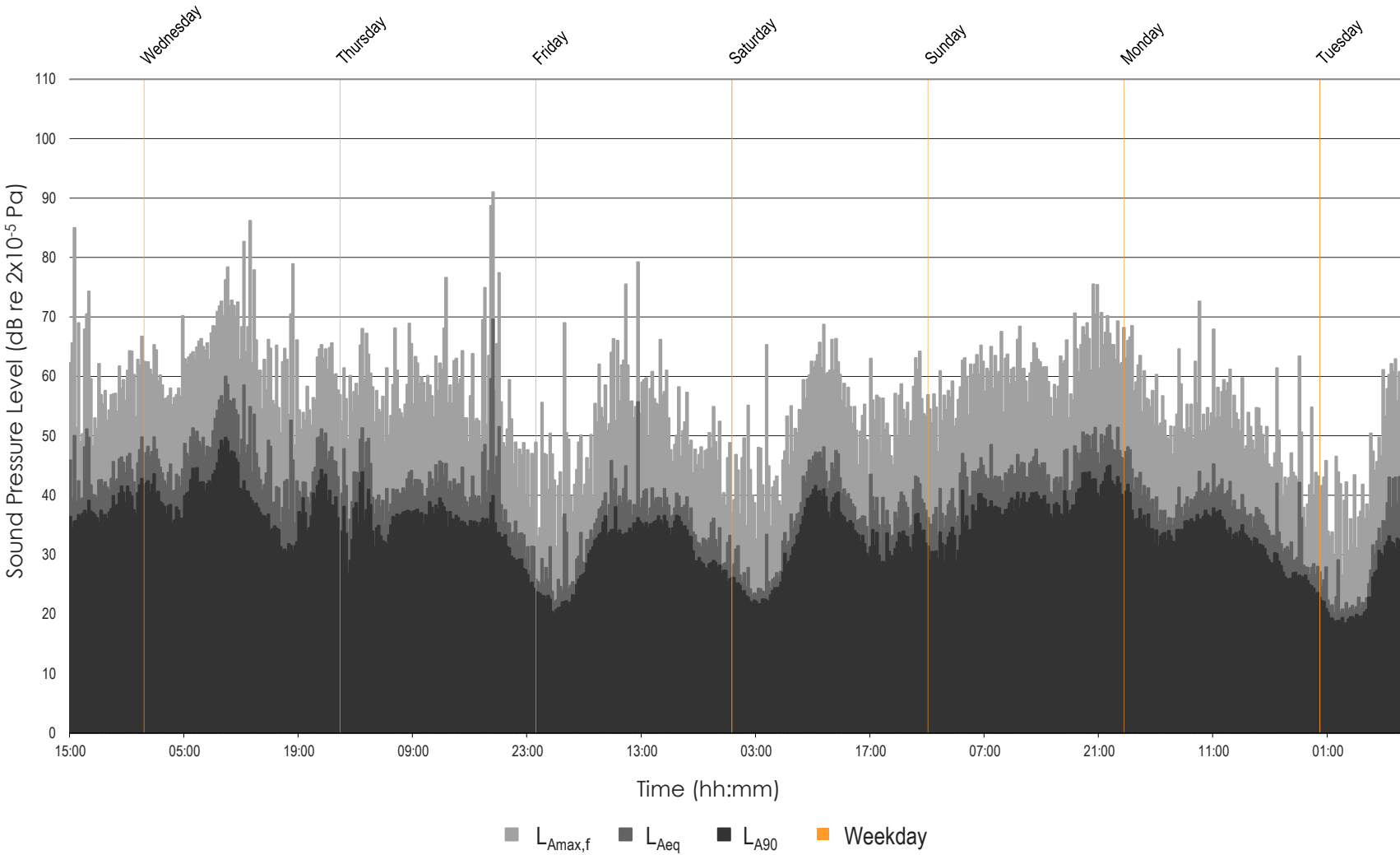


Appendix 12.1 Baseline Sound Survey Report

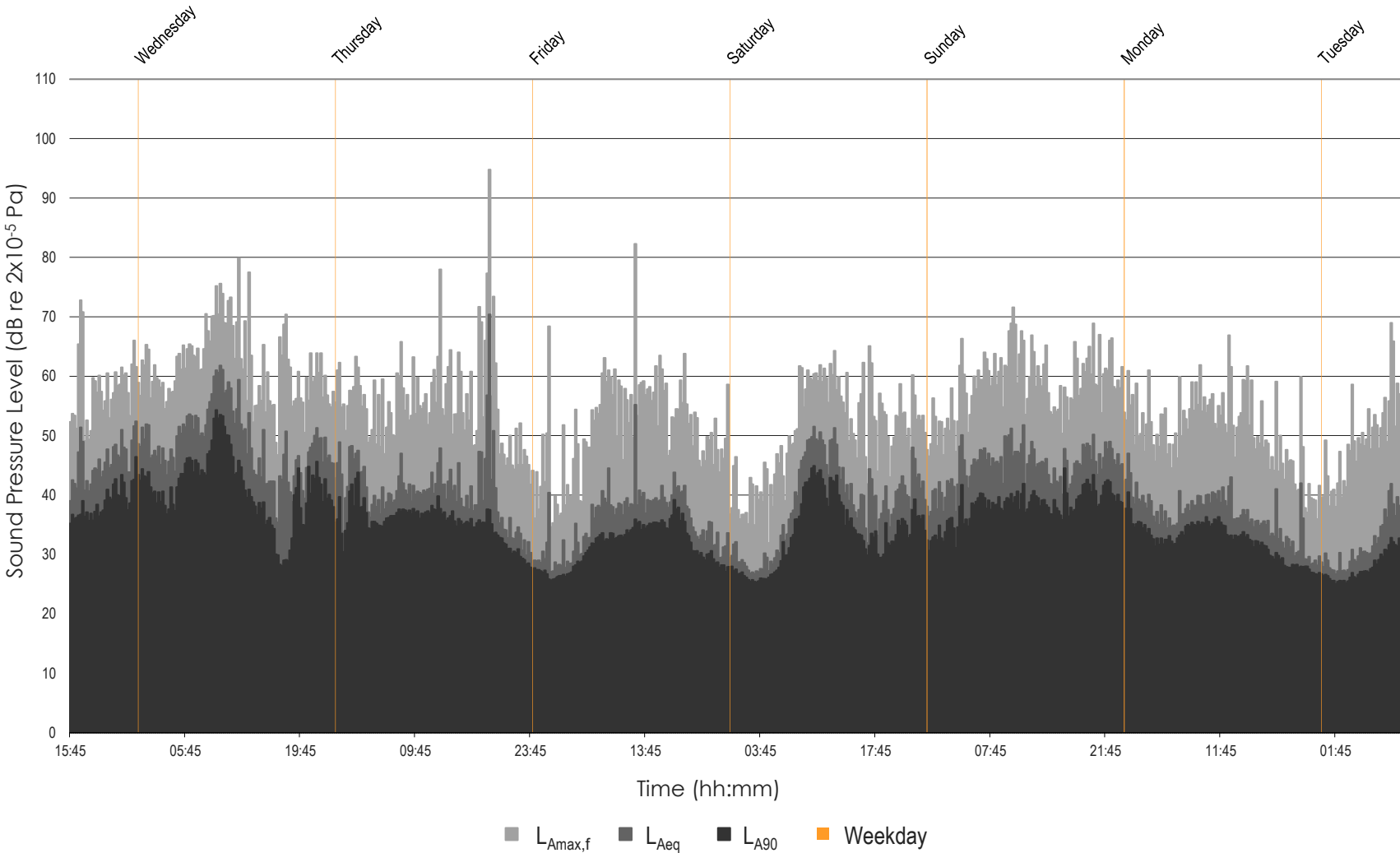
C.9 Parcel Group 9



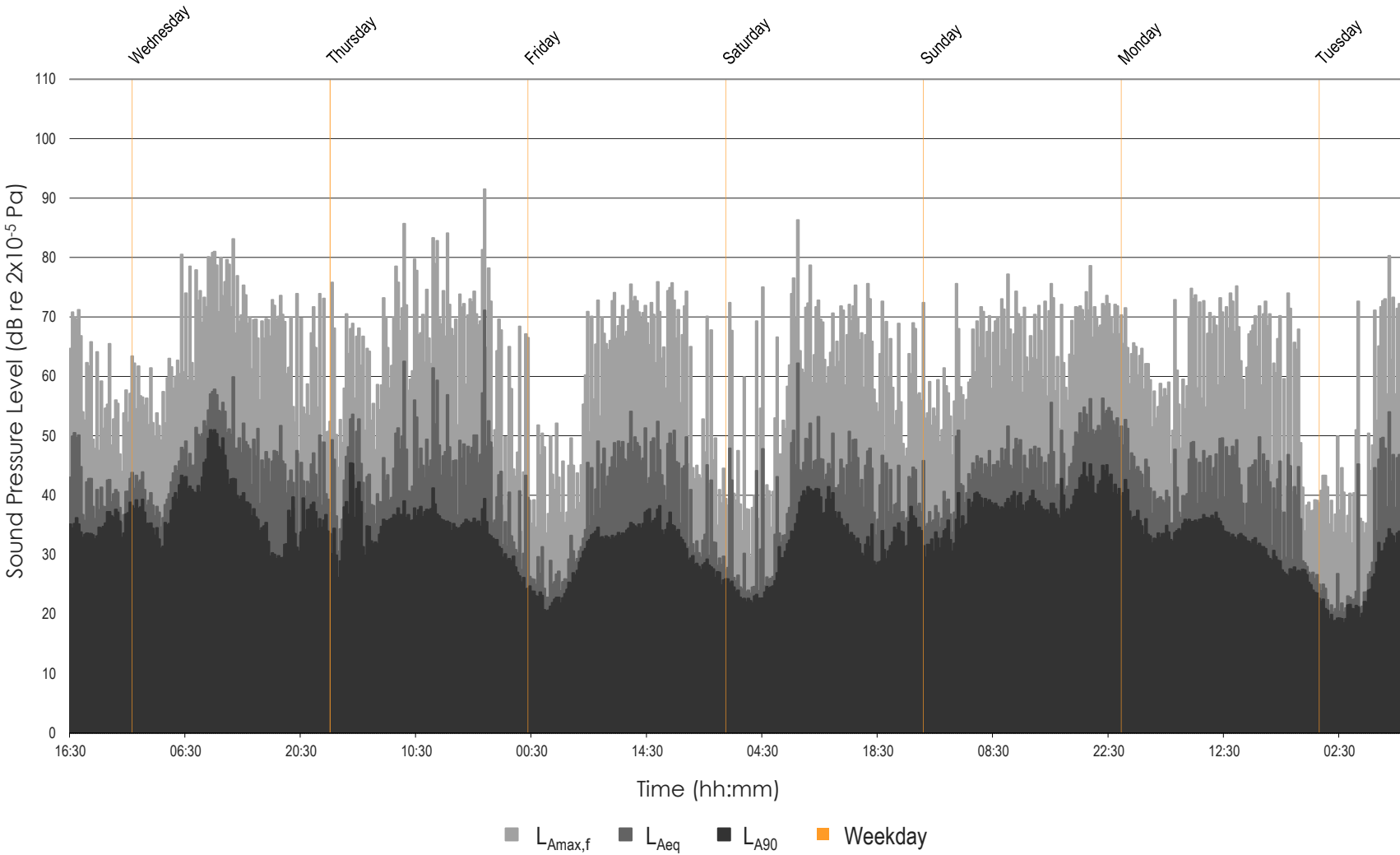
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP6 - Tuesday 17 December to Tuesday 24 December 2024



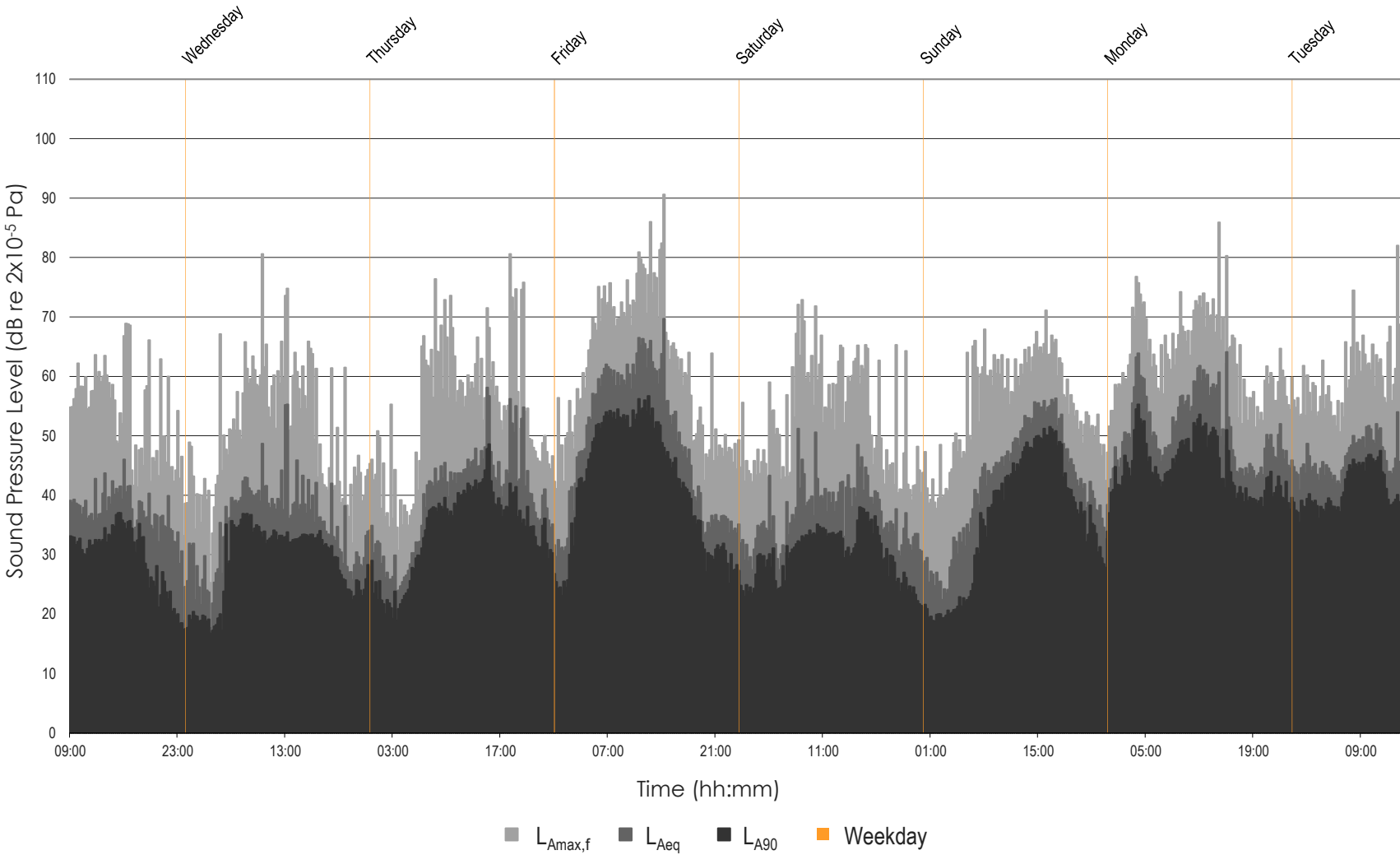
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP7 - Tuesday 17 December to Tuesday 24 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP8 - Tuesday 17 December to Tuesday 24 December 2024



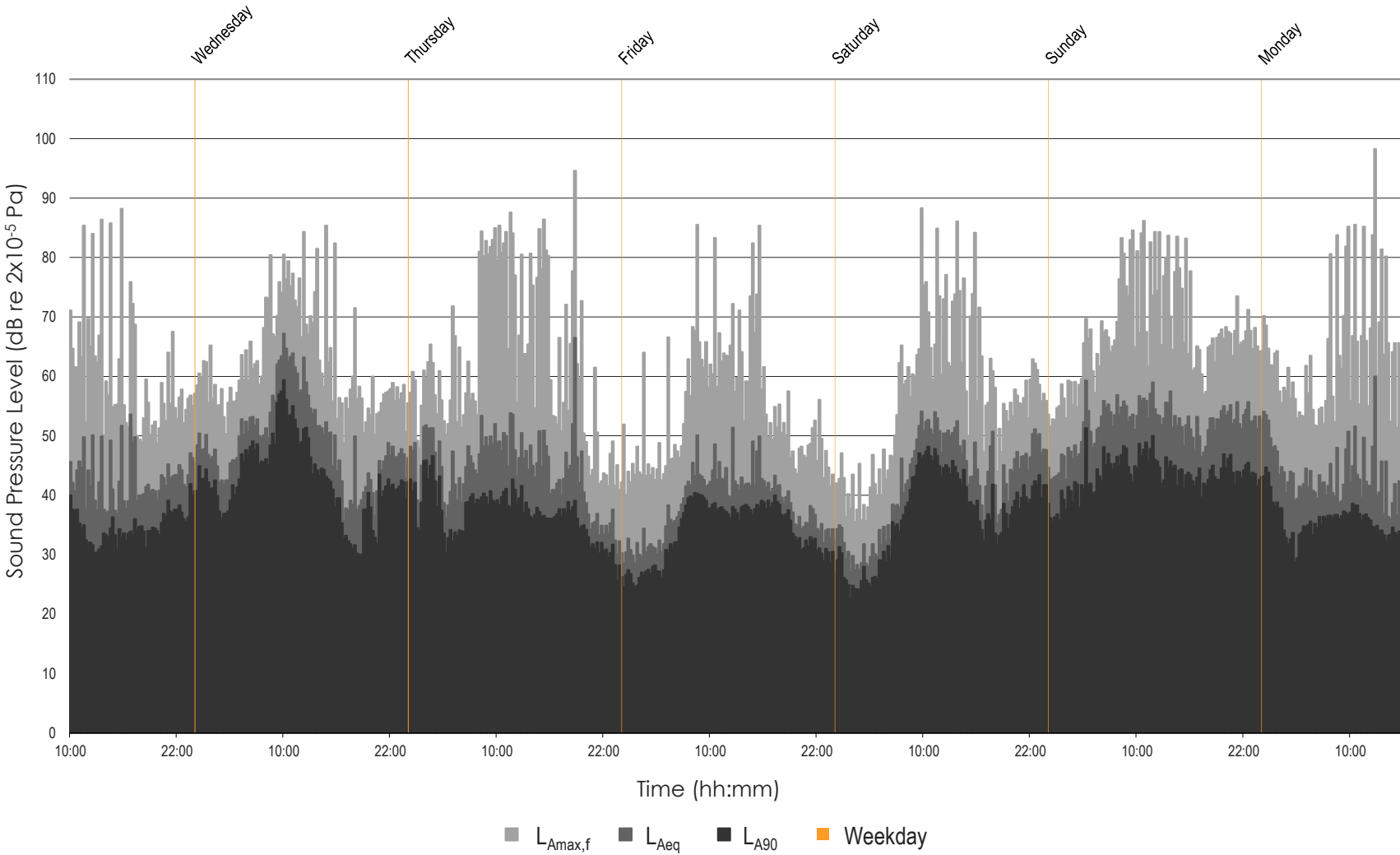
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP9 - Tuesday 21 January to Tuesday 28 January 2025



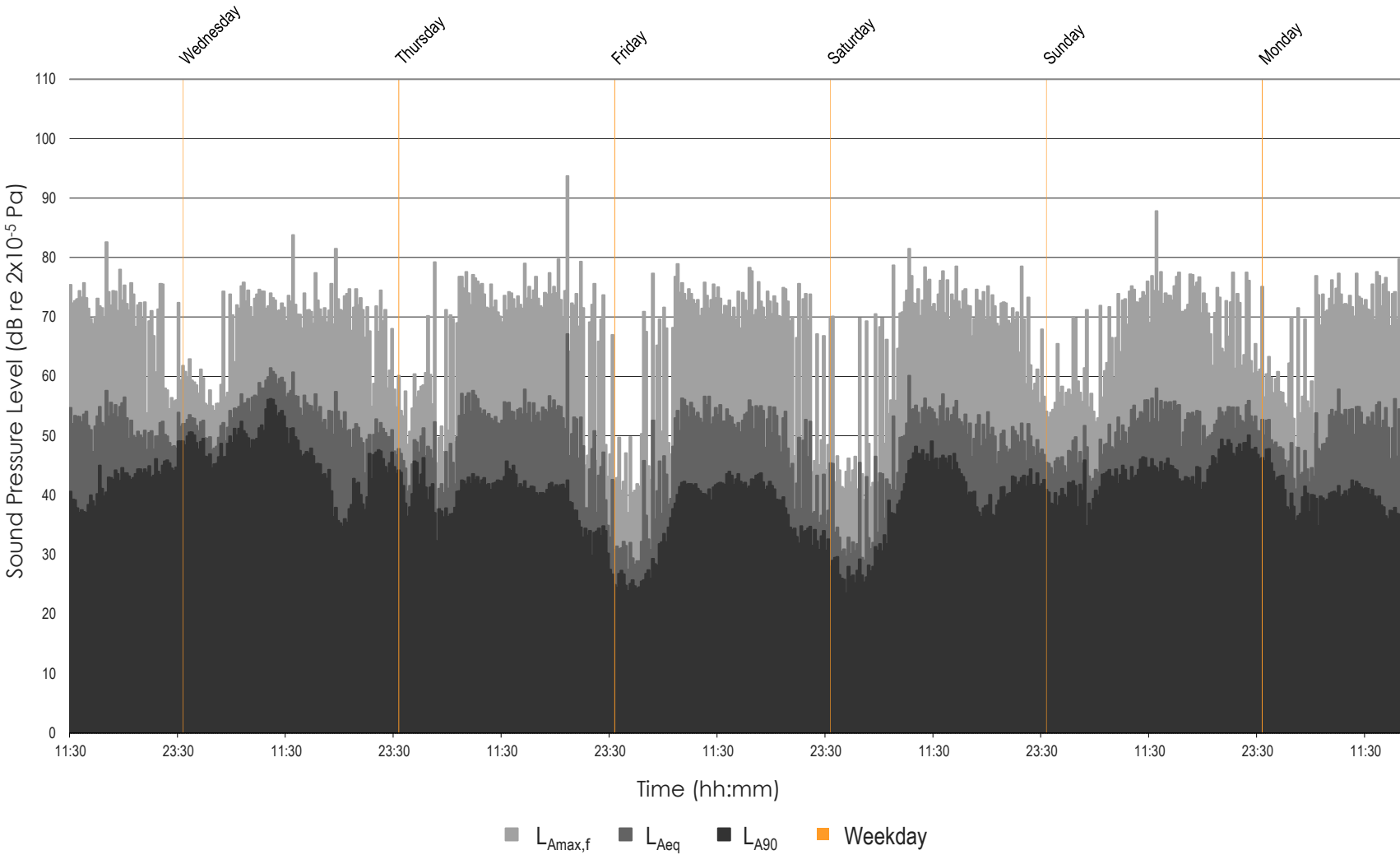
C.10 Parcel Group 10



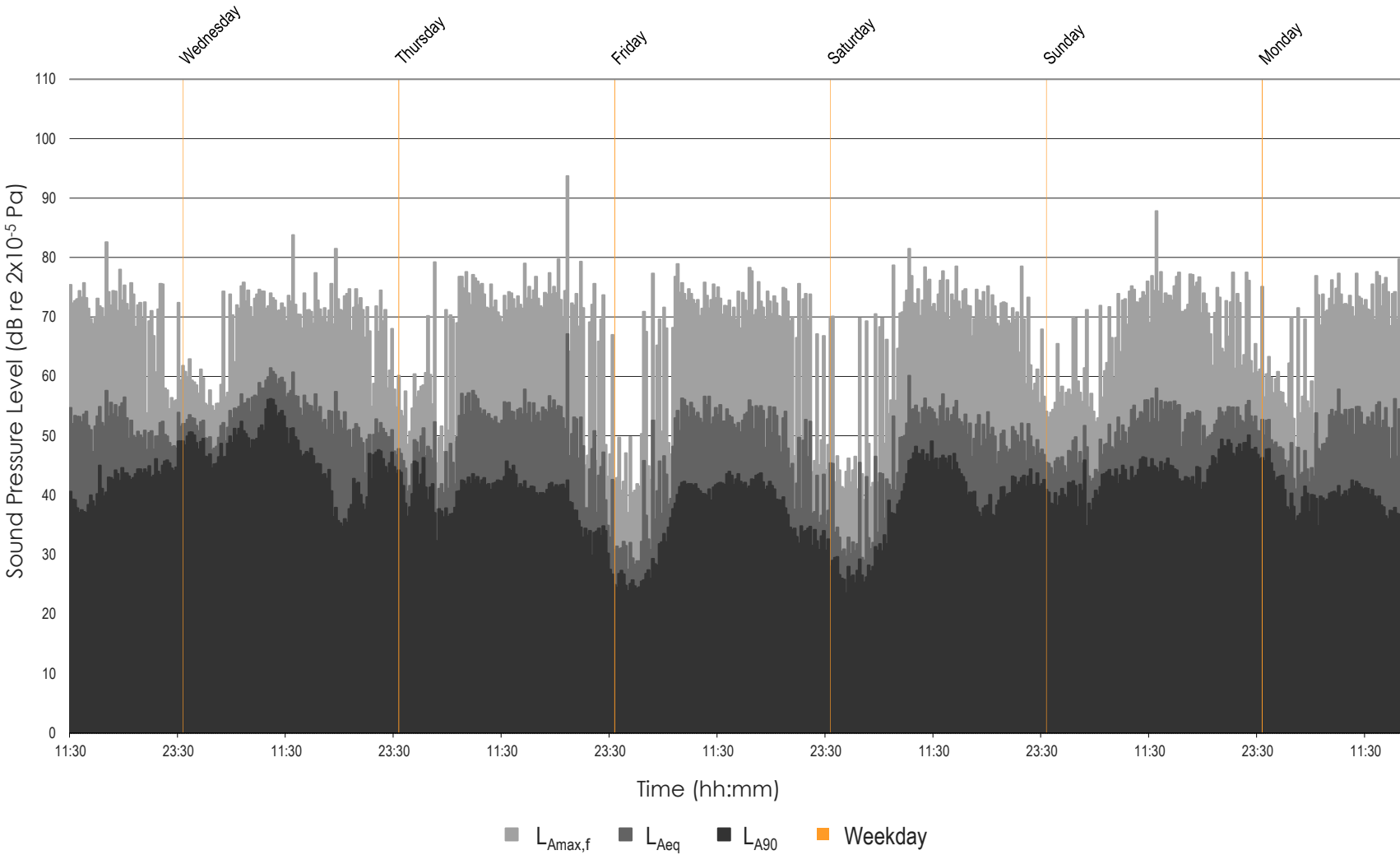
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP1 - Tuesday 17 December to Monday 23 December 2024



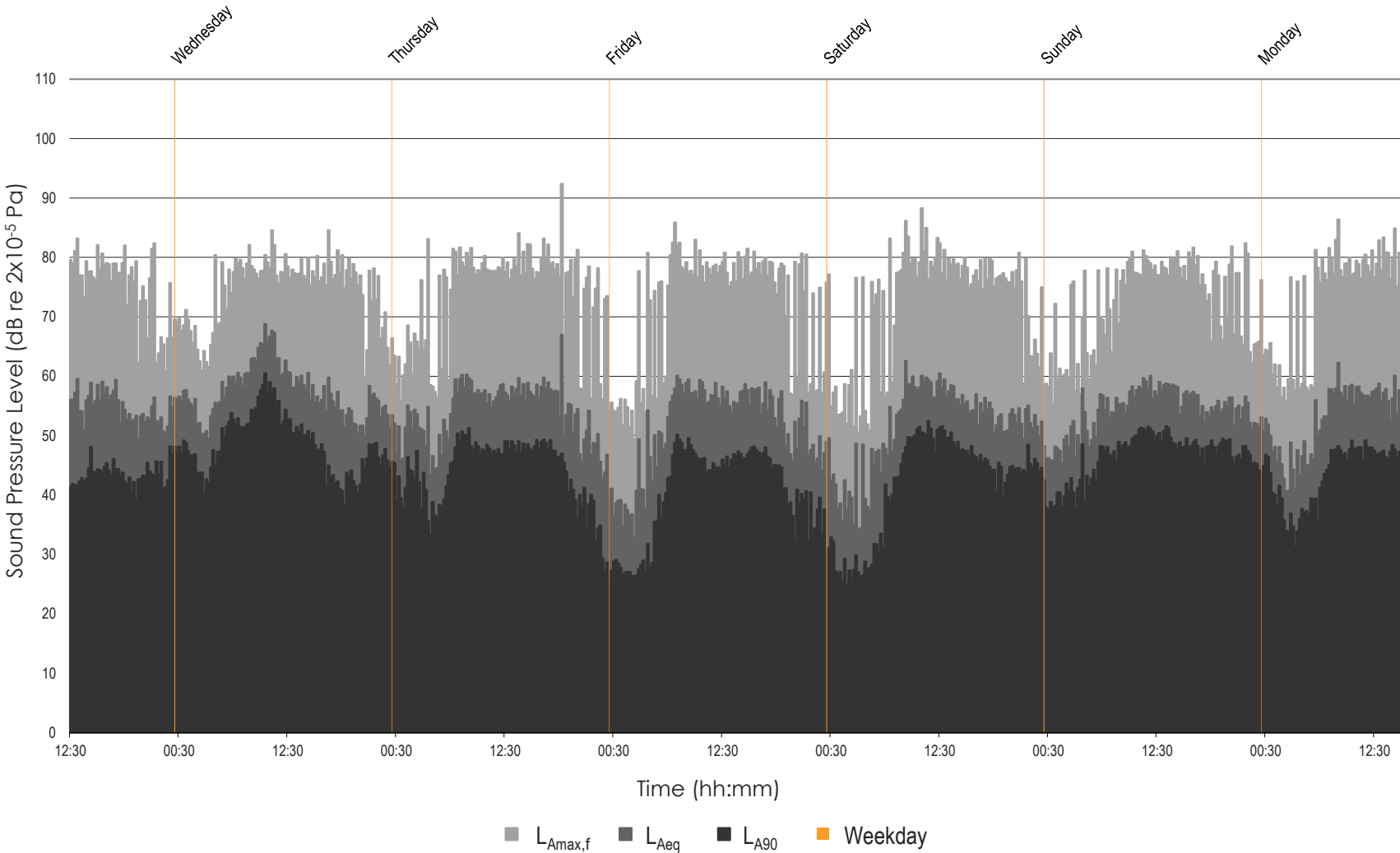
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP3 - Tuesday 17 December to Monday 23 December 2024



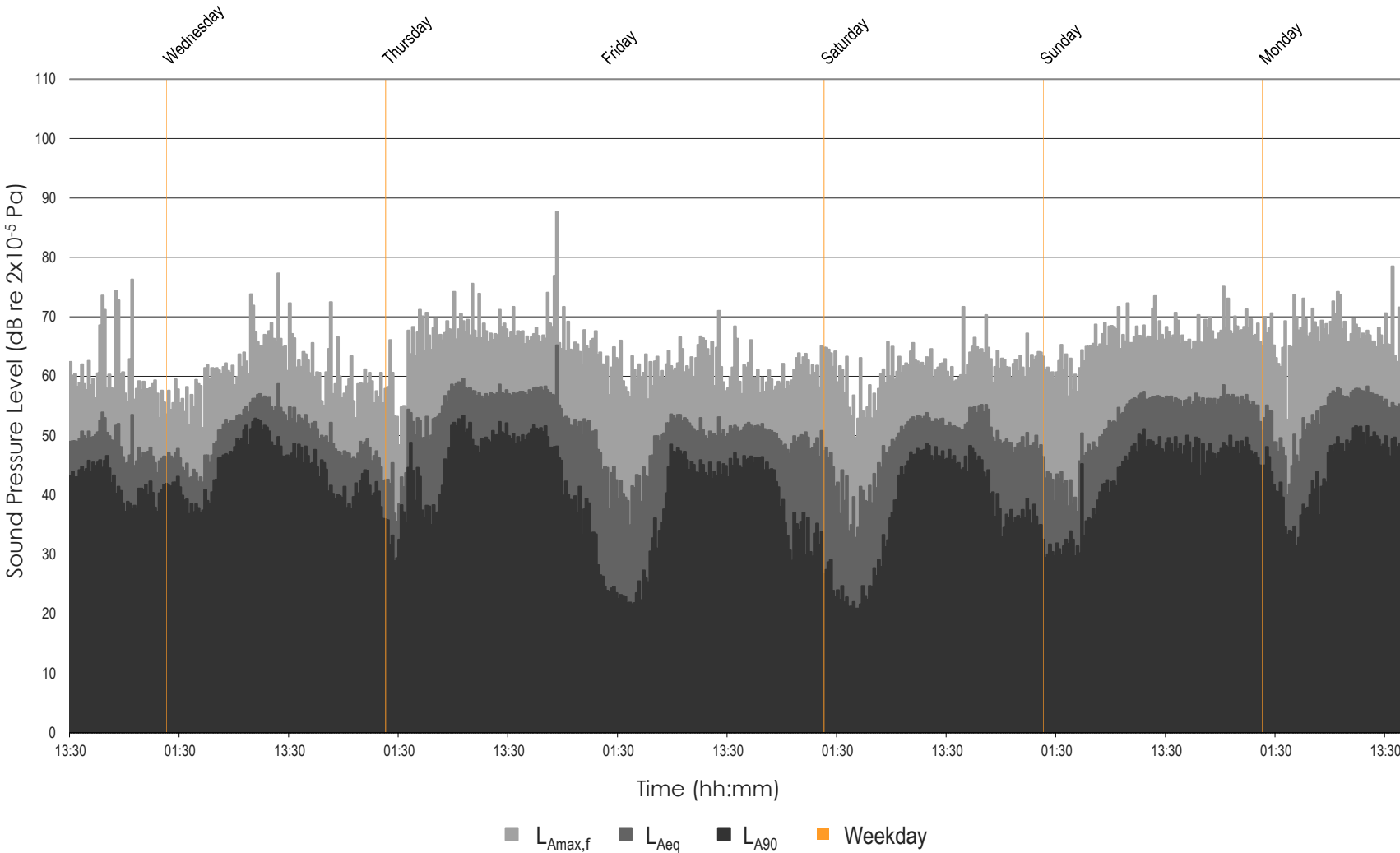
East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP3 - Tuesday 17 December to Monday 23 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP4 - Tuesday 17 December to Monday 23 December 2024



East Pye Solar
 L_{Aeq} , $L_{Amax,f}$ and L_{A90} Time History
MP5 - Tuesday 17 December to Monday 23 December 2024

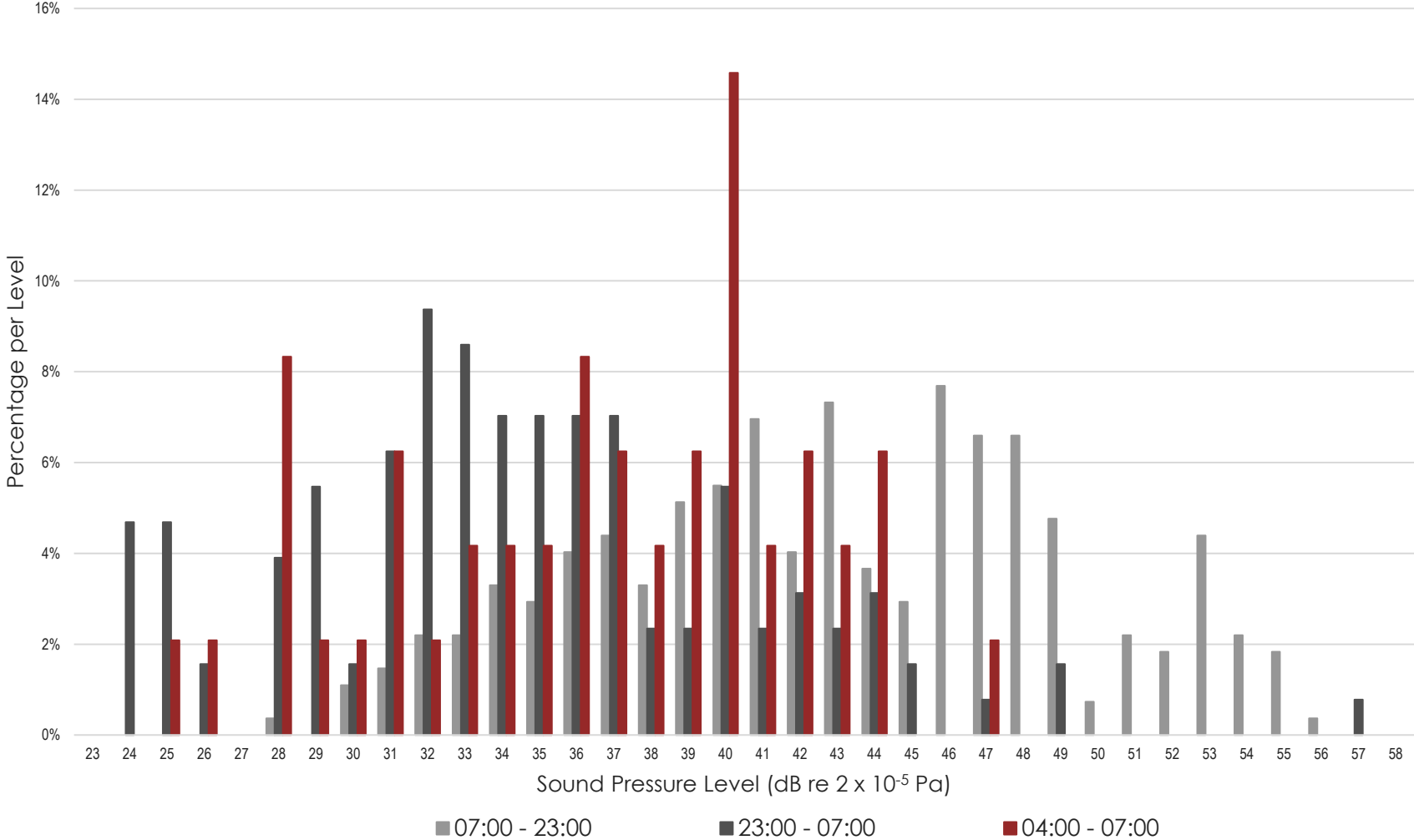


Appendix D L90 Histograms

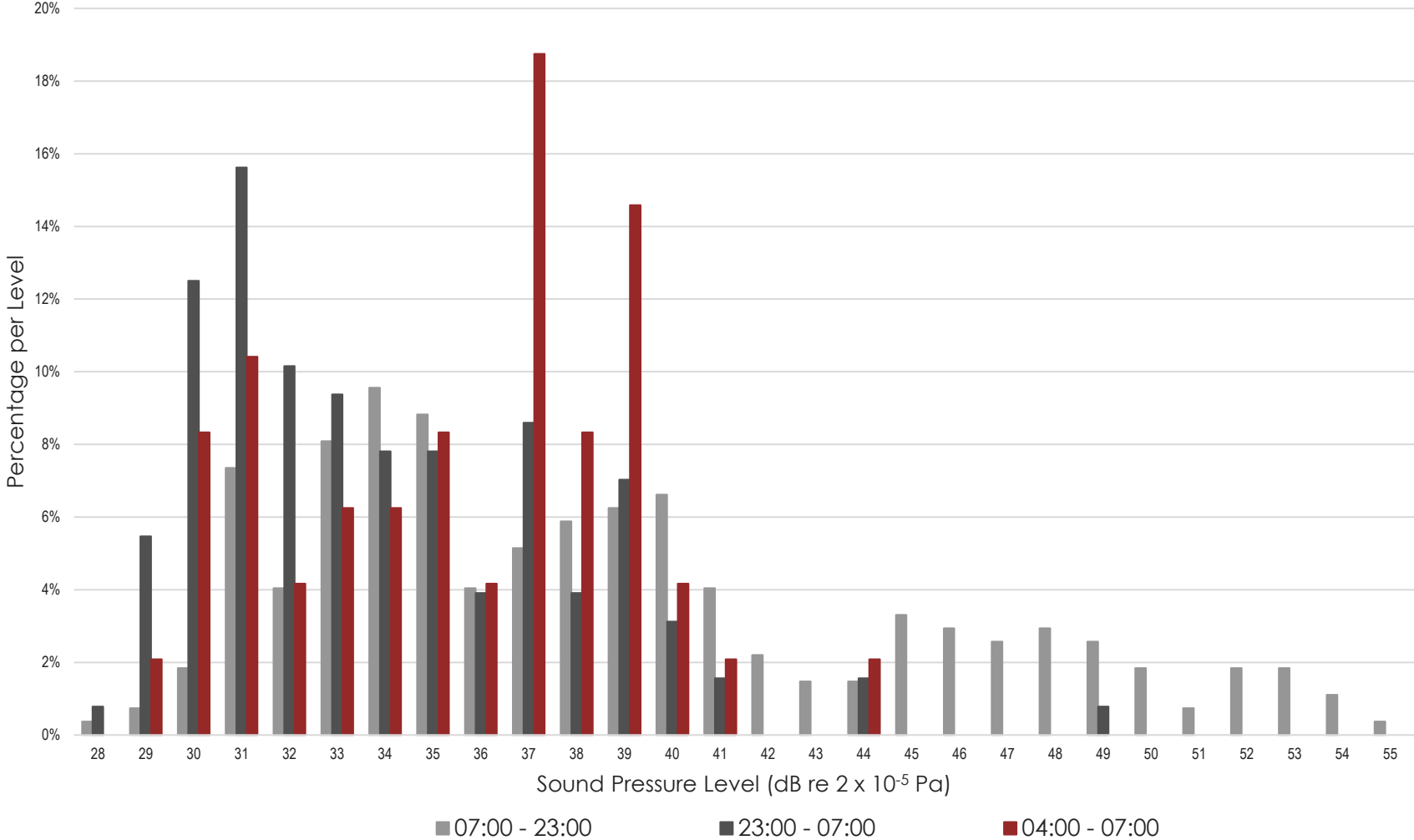
D.1 Parcel Group 1



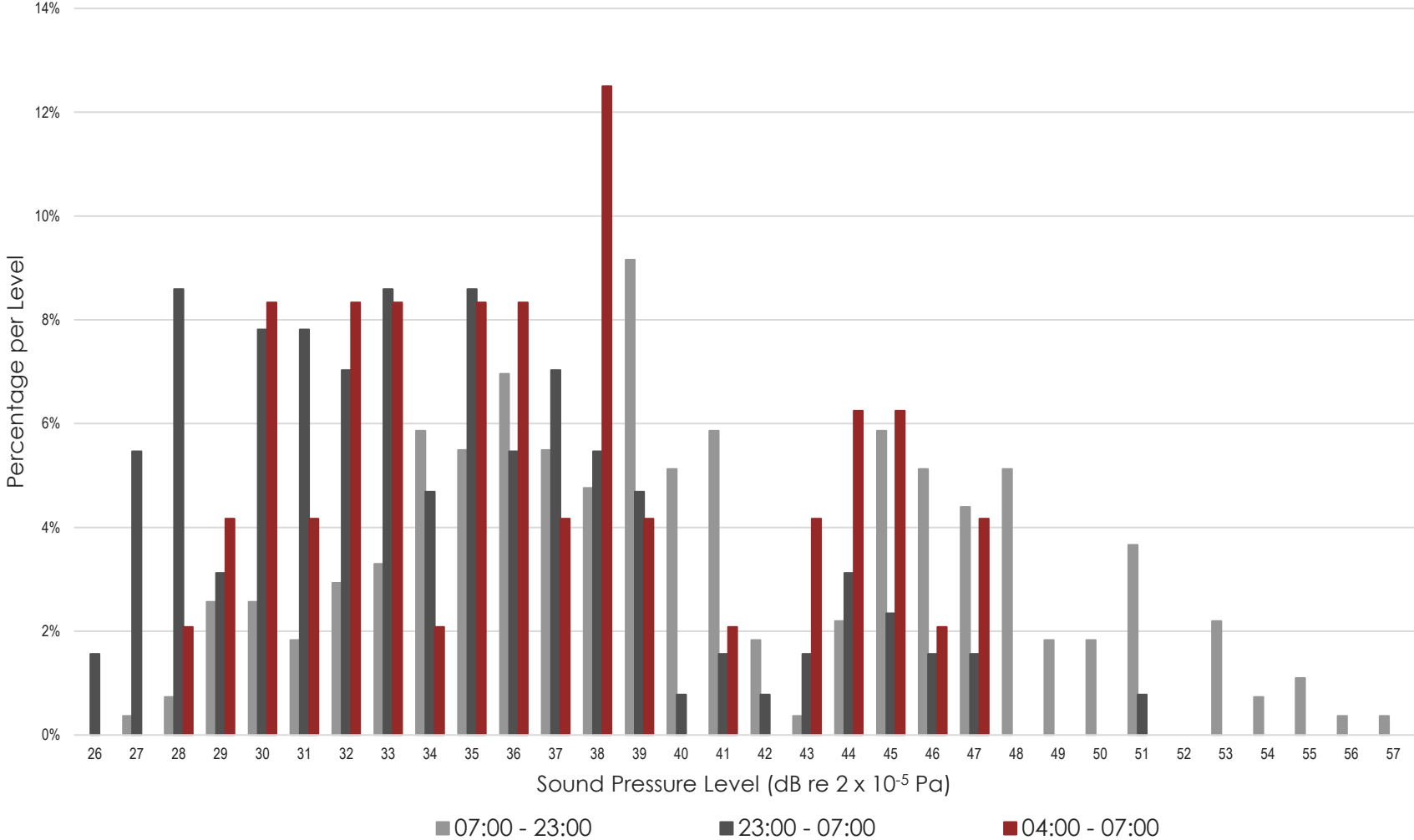
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP41



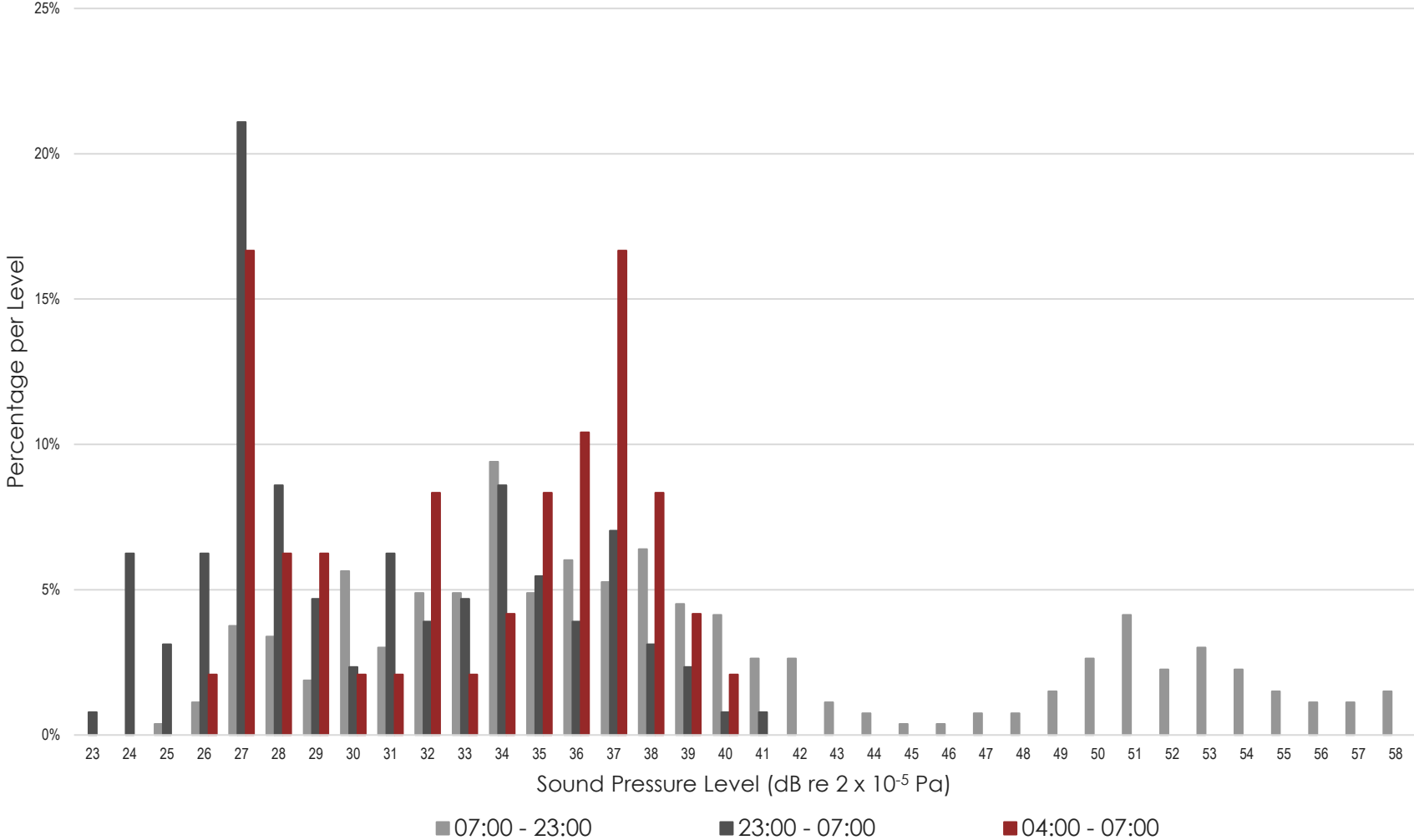
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP42



East Pye Solar
L_{A90,15 minutes} Histogram
MP43



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP44

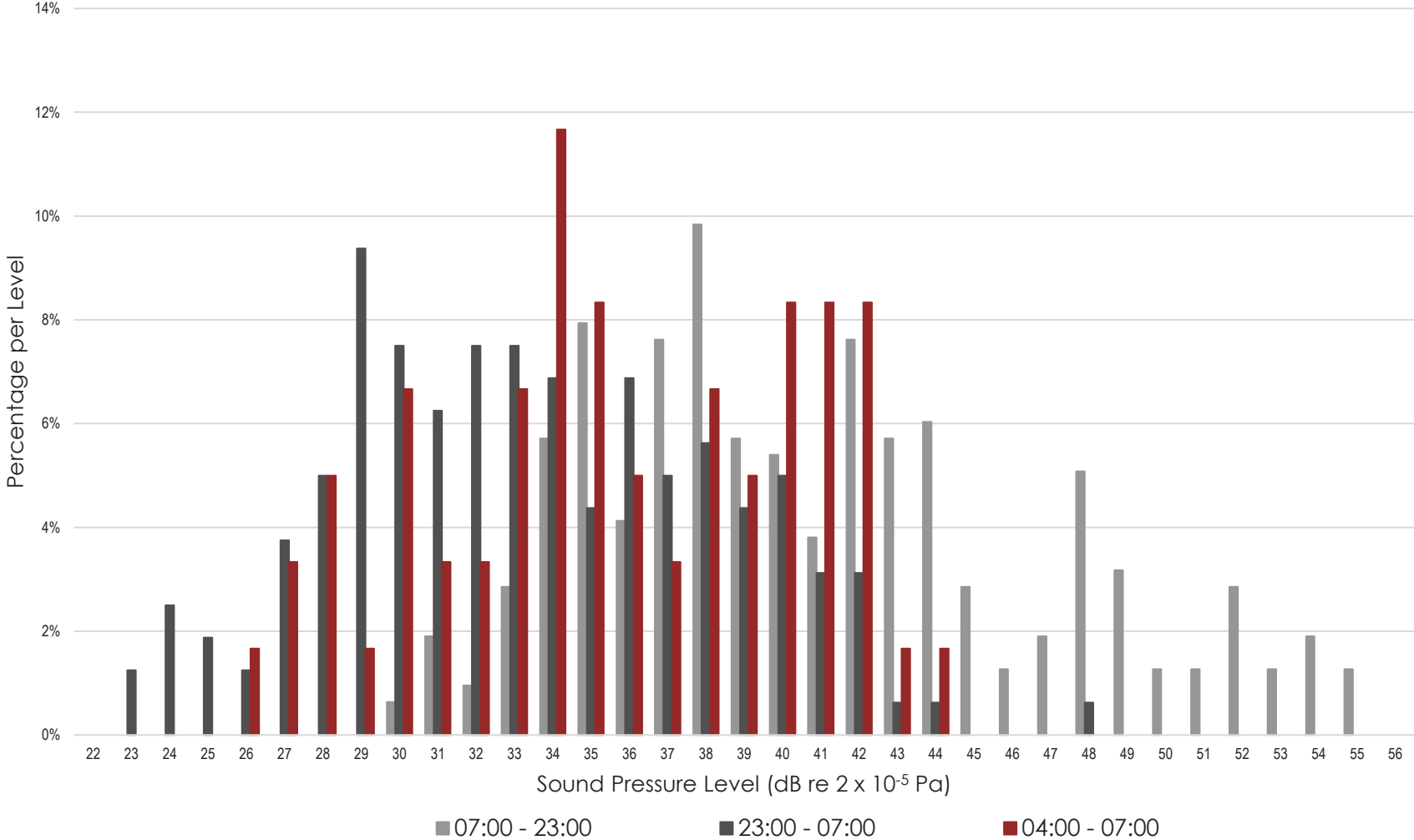


Appendix 12.1 Baseline Sound Survey Report

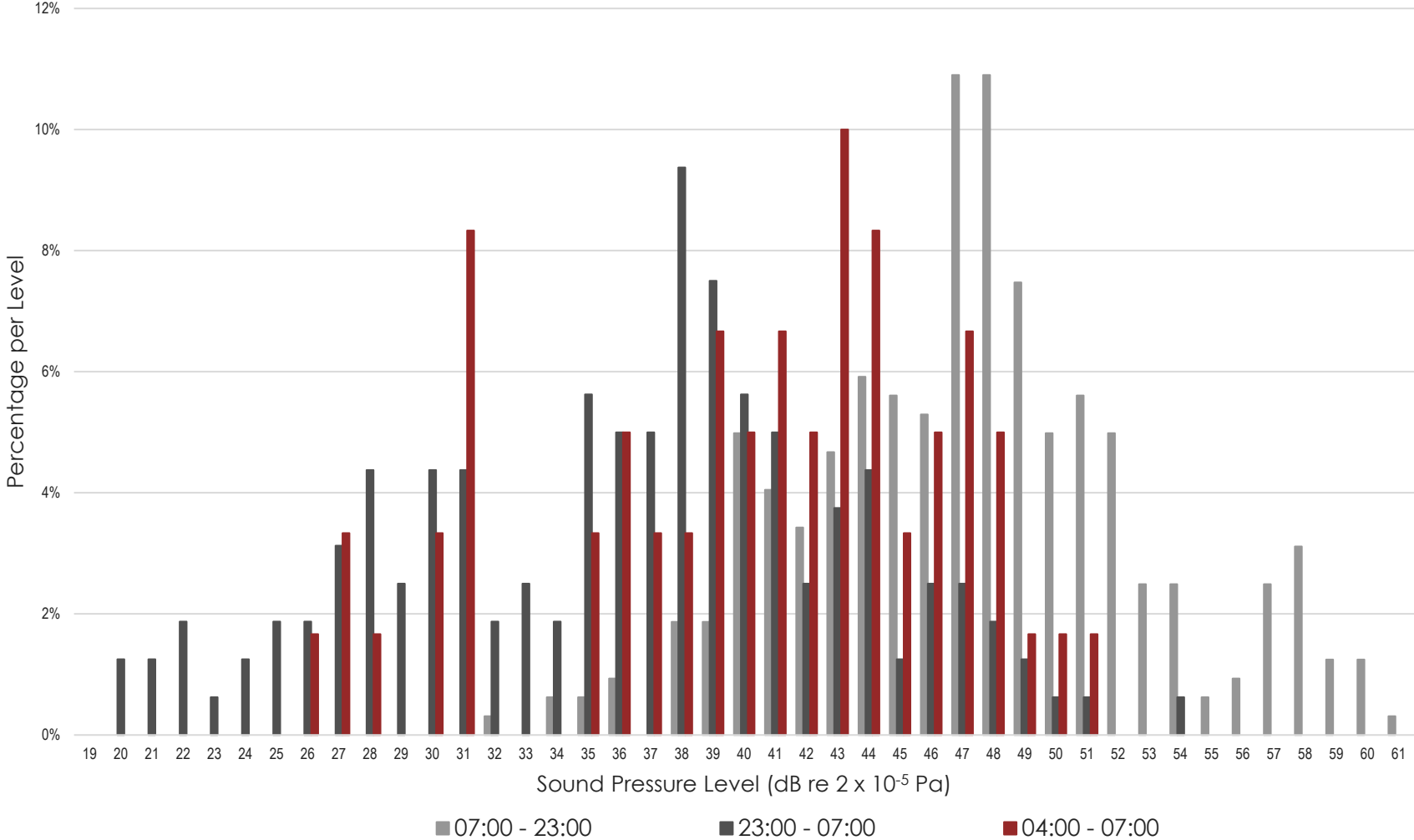
D.2 Parcel Group 2



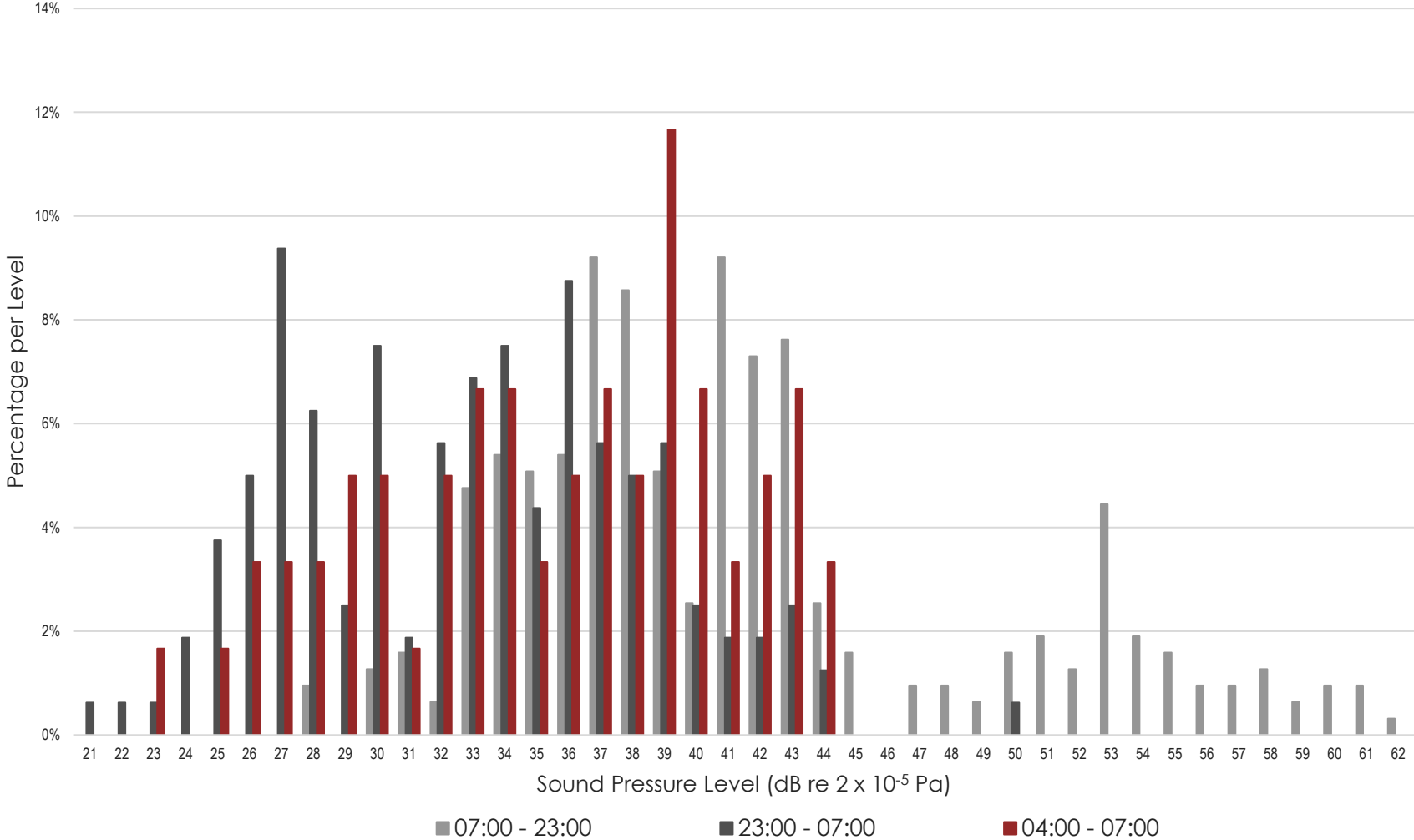
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP45



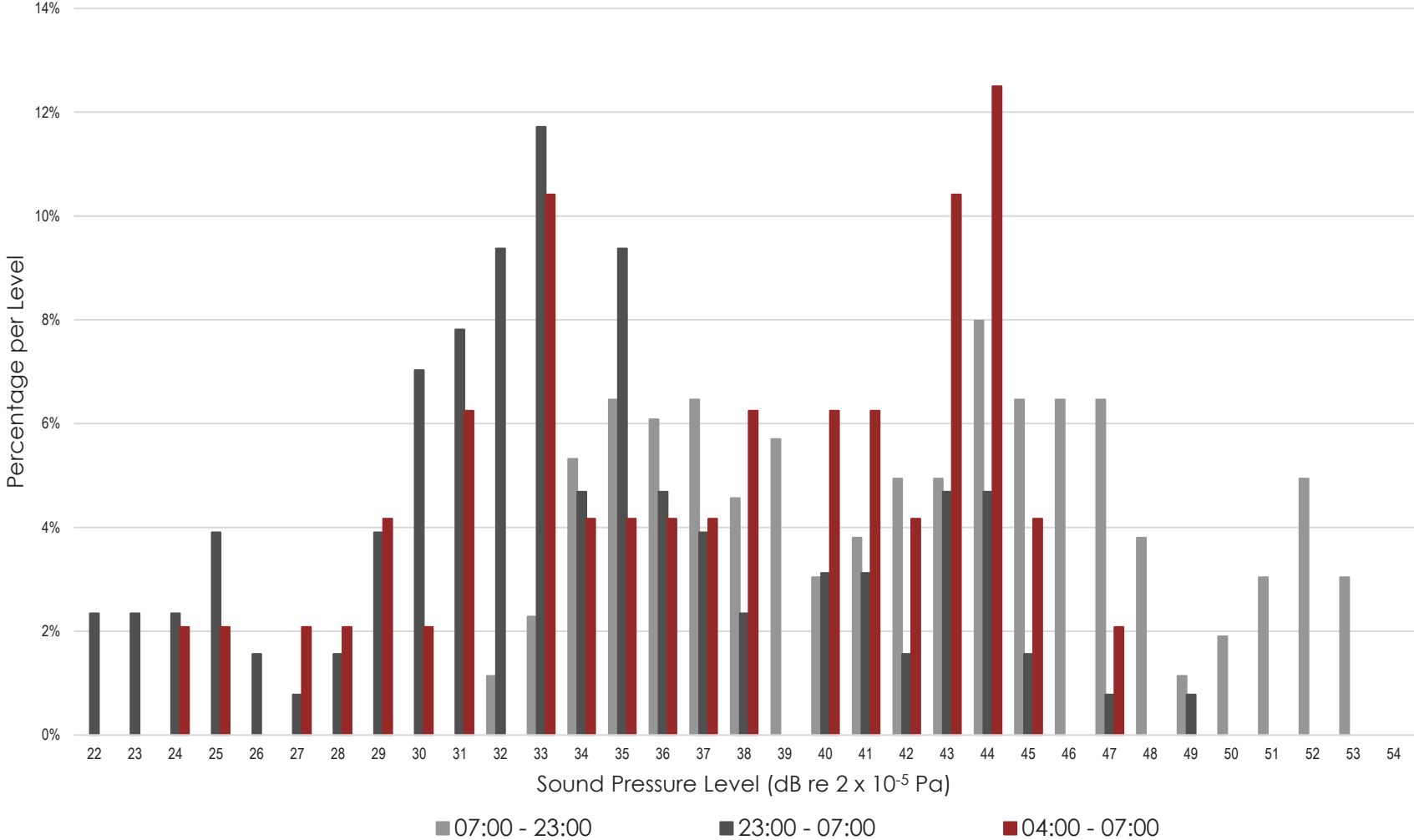
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP46



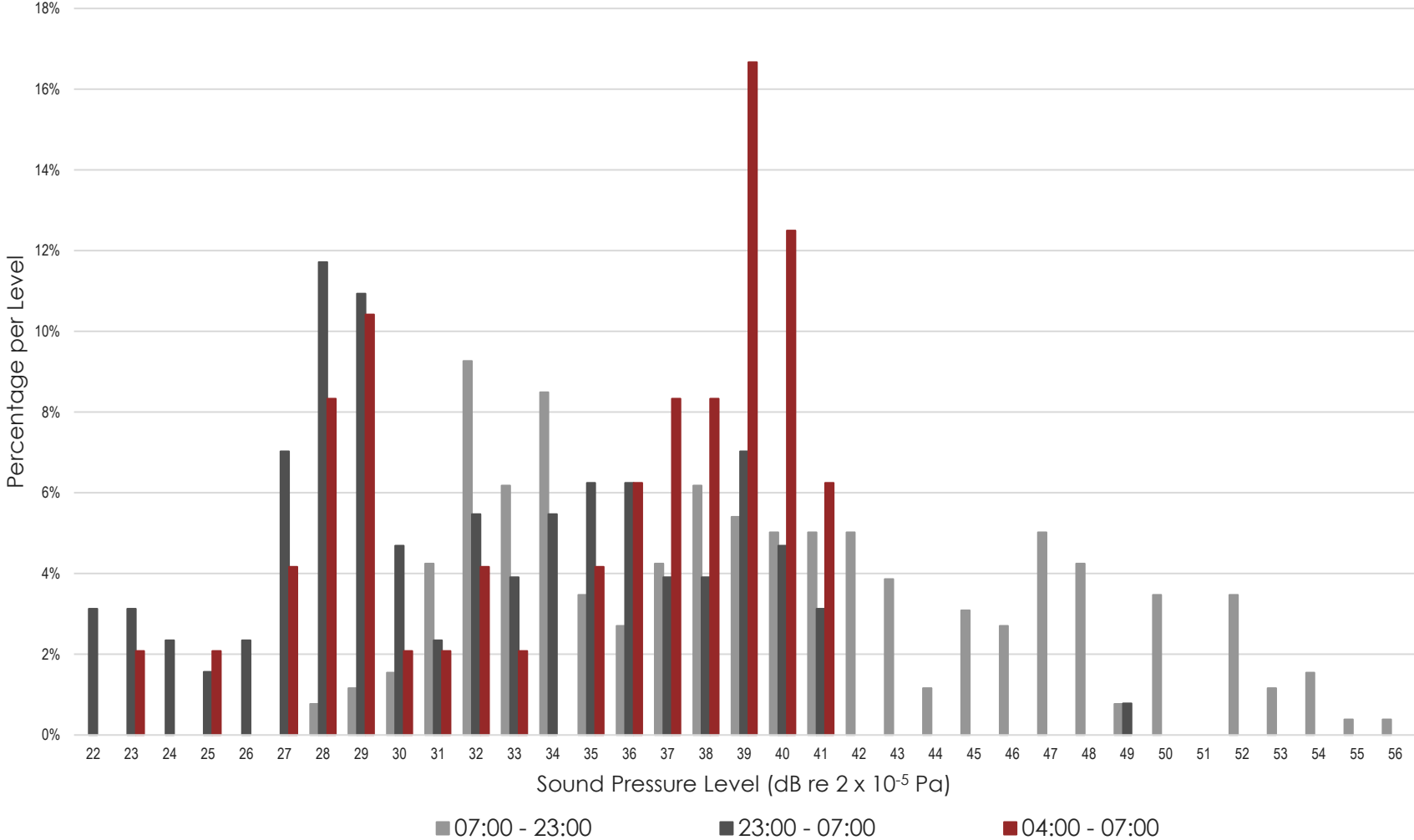
East Pye Solar
L_{A90,15 minutes} Histogram
MP47



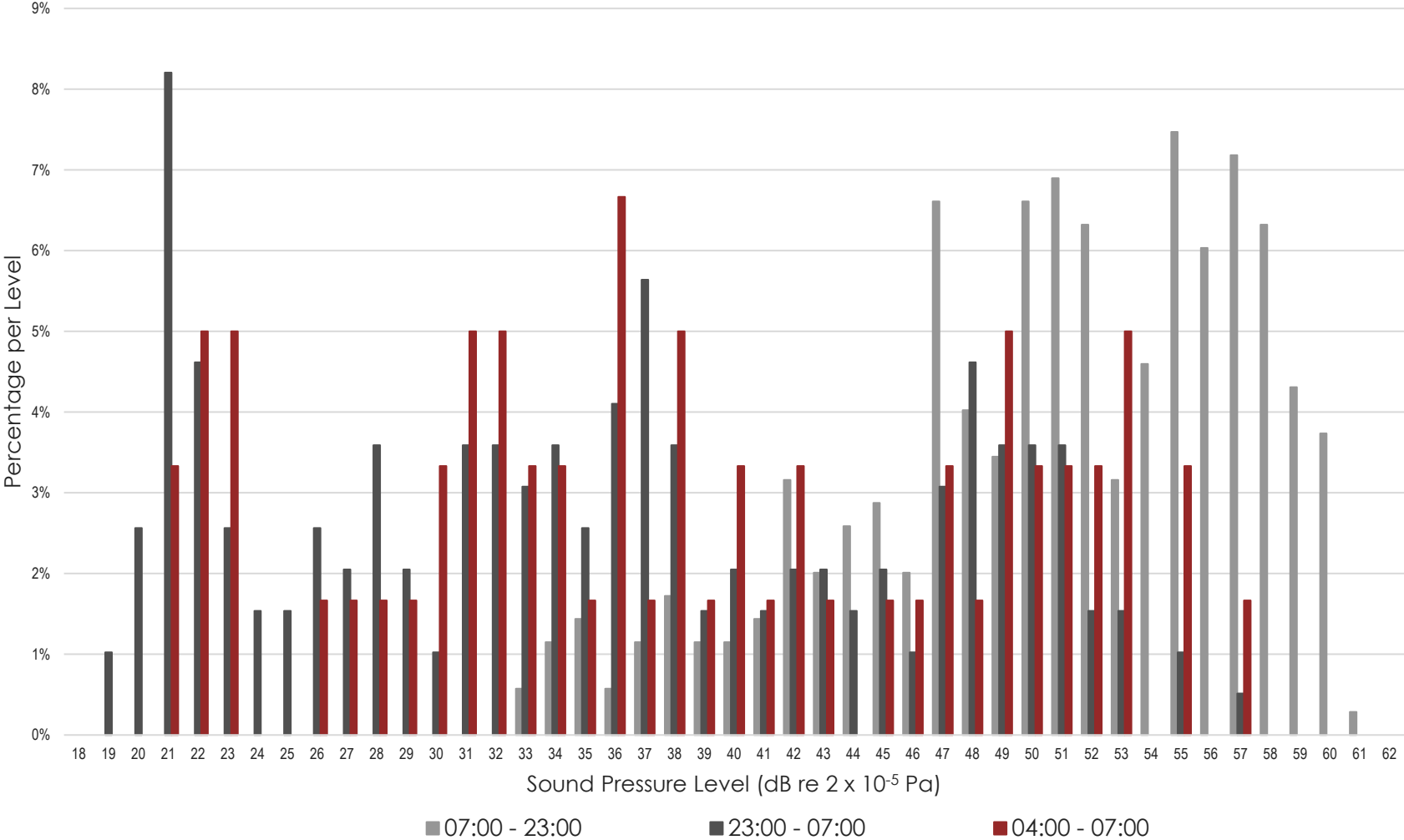
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP48



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP49



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP50

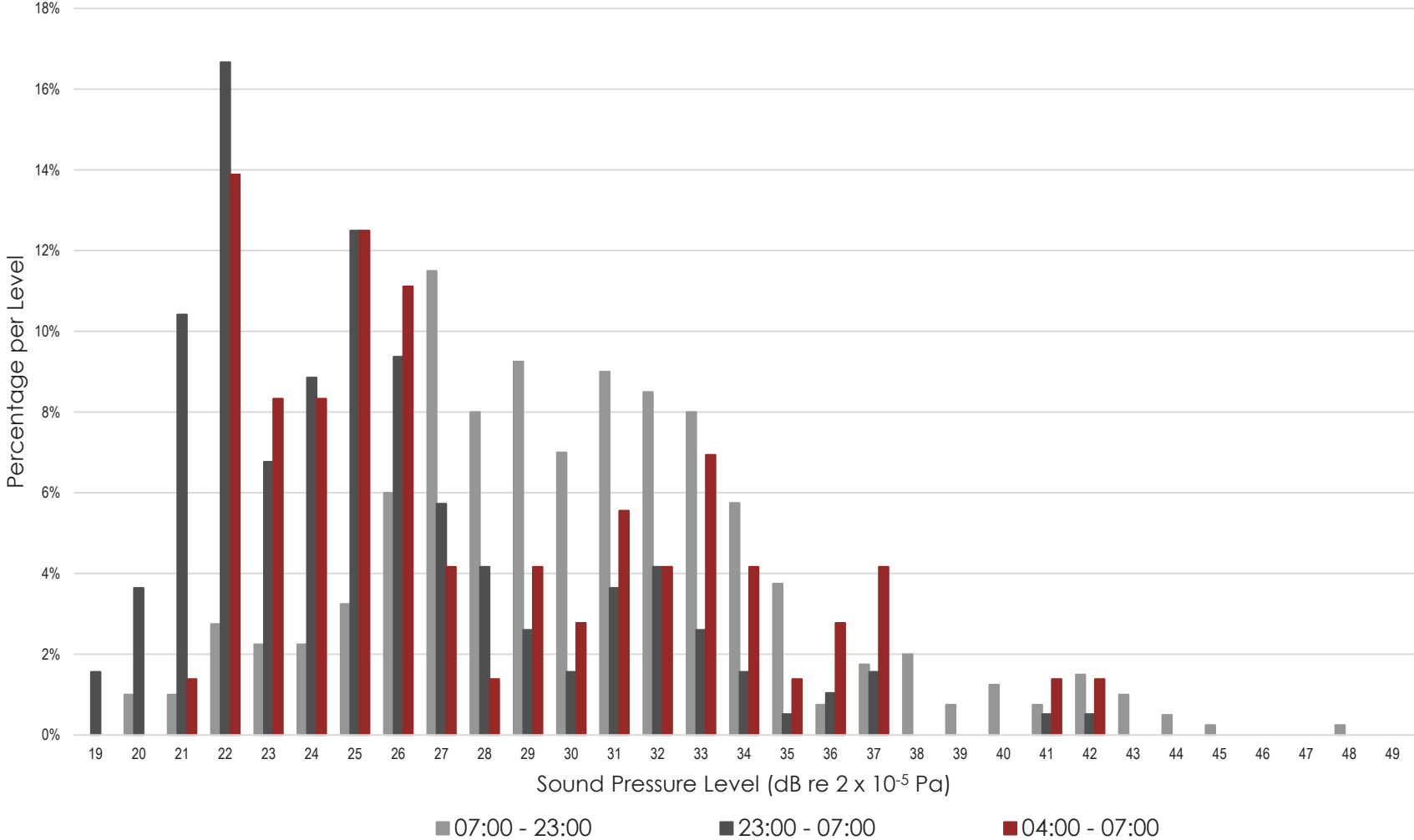


Appendix 12.1 Baseline Sound Survey Report

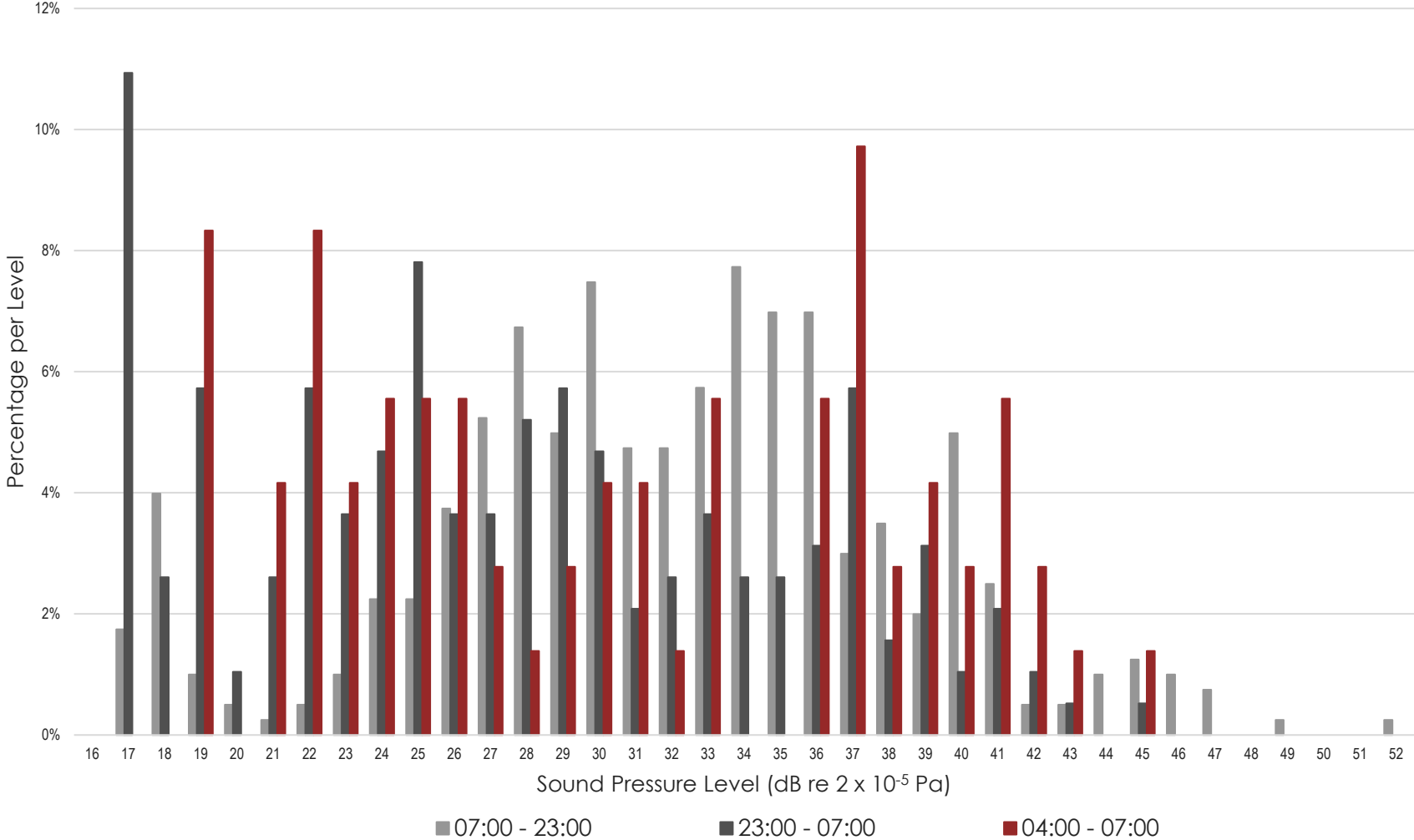
D.3 Parcel Group 3



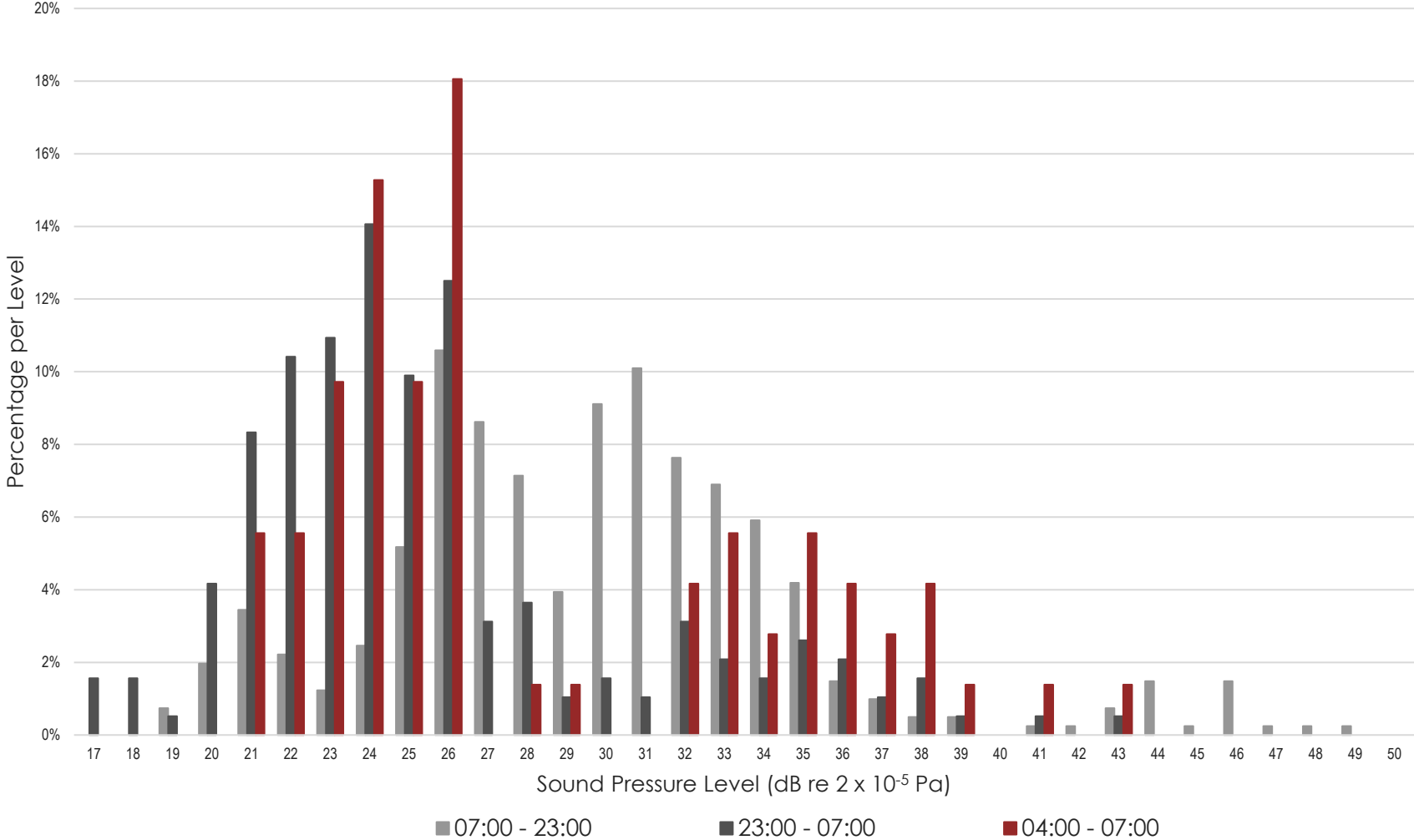
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP38



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP39



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP40

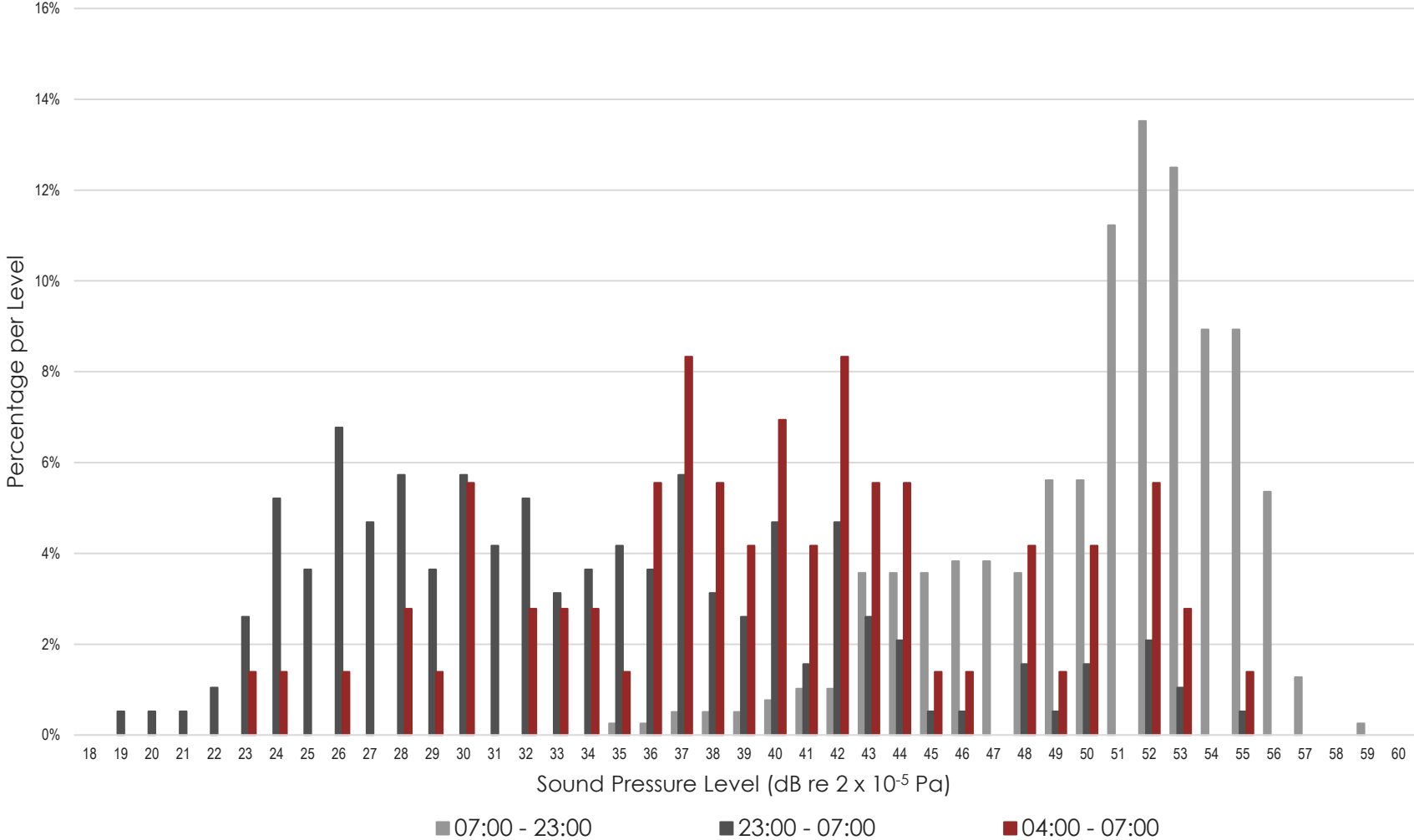


Appendix 12.1 Baseline Sound Survey Report

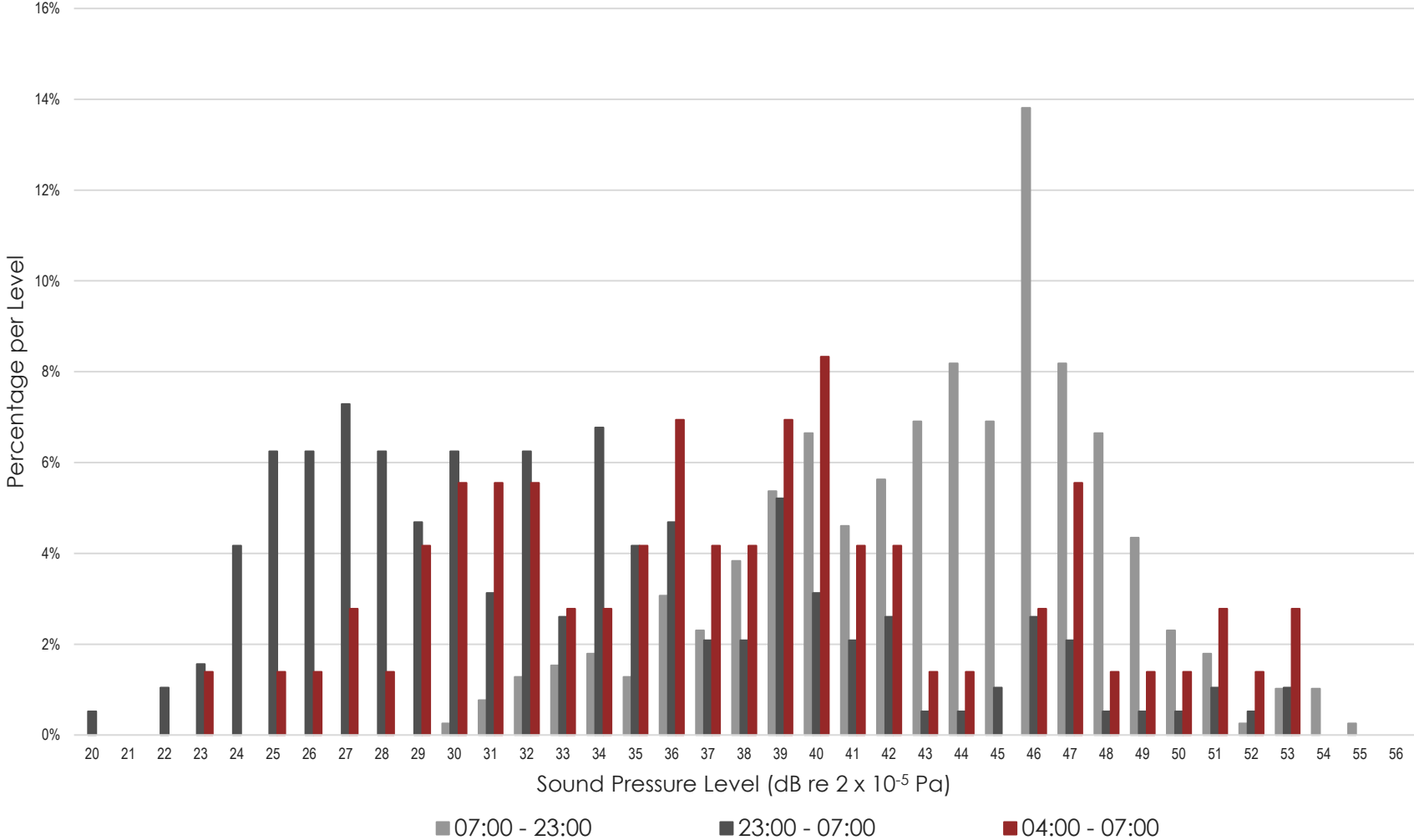
D.4 Parcel Group 4



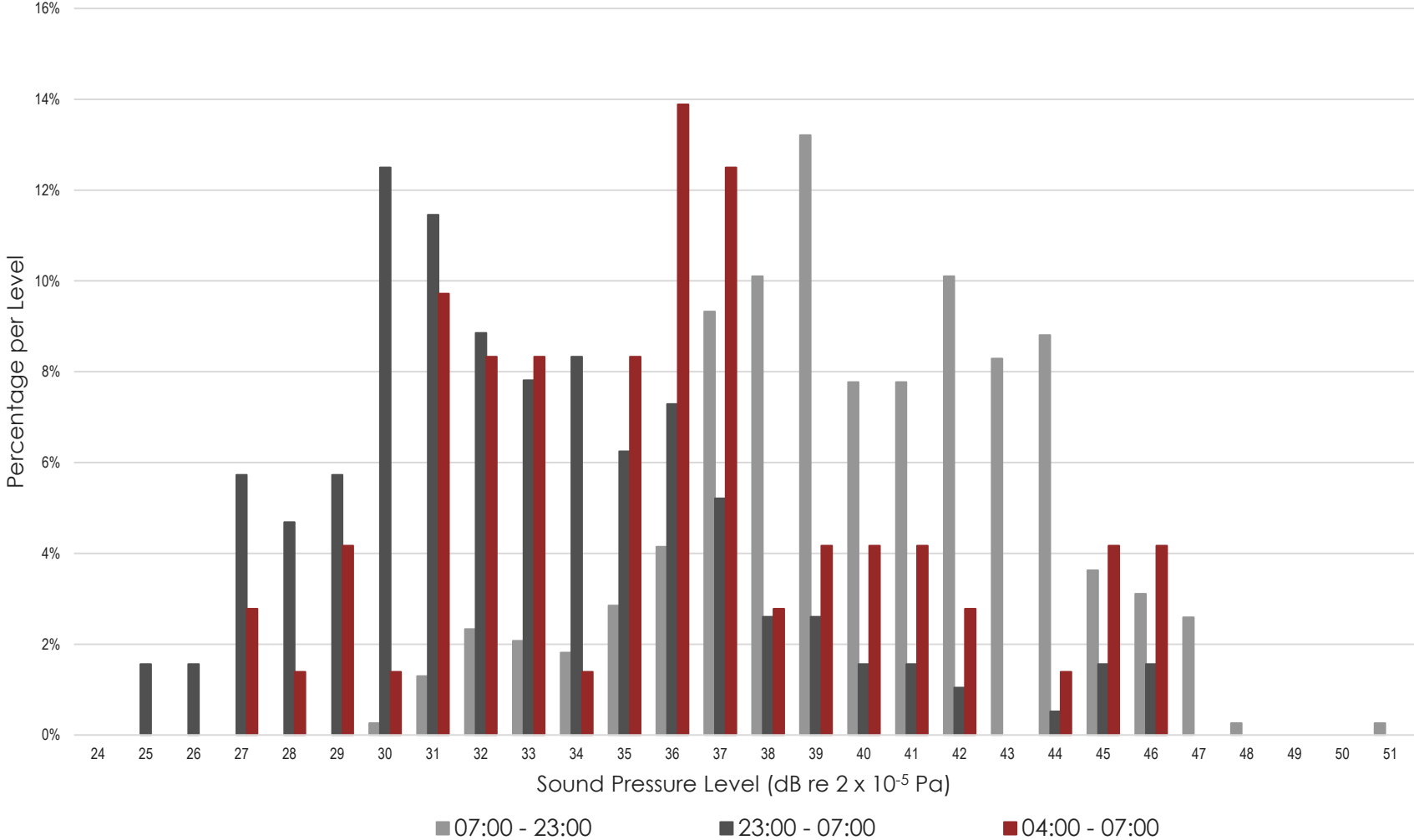
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP25



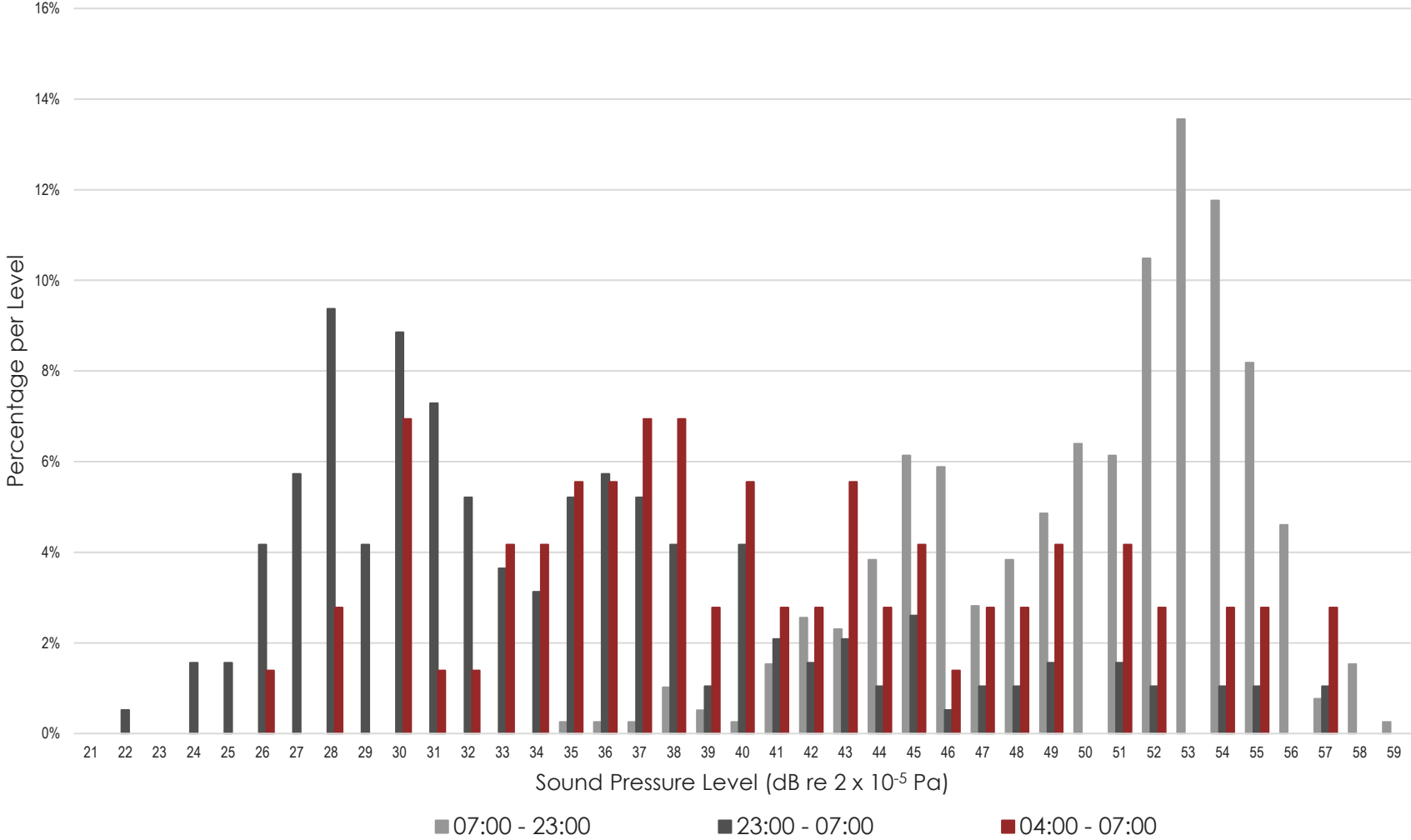
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP26



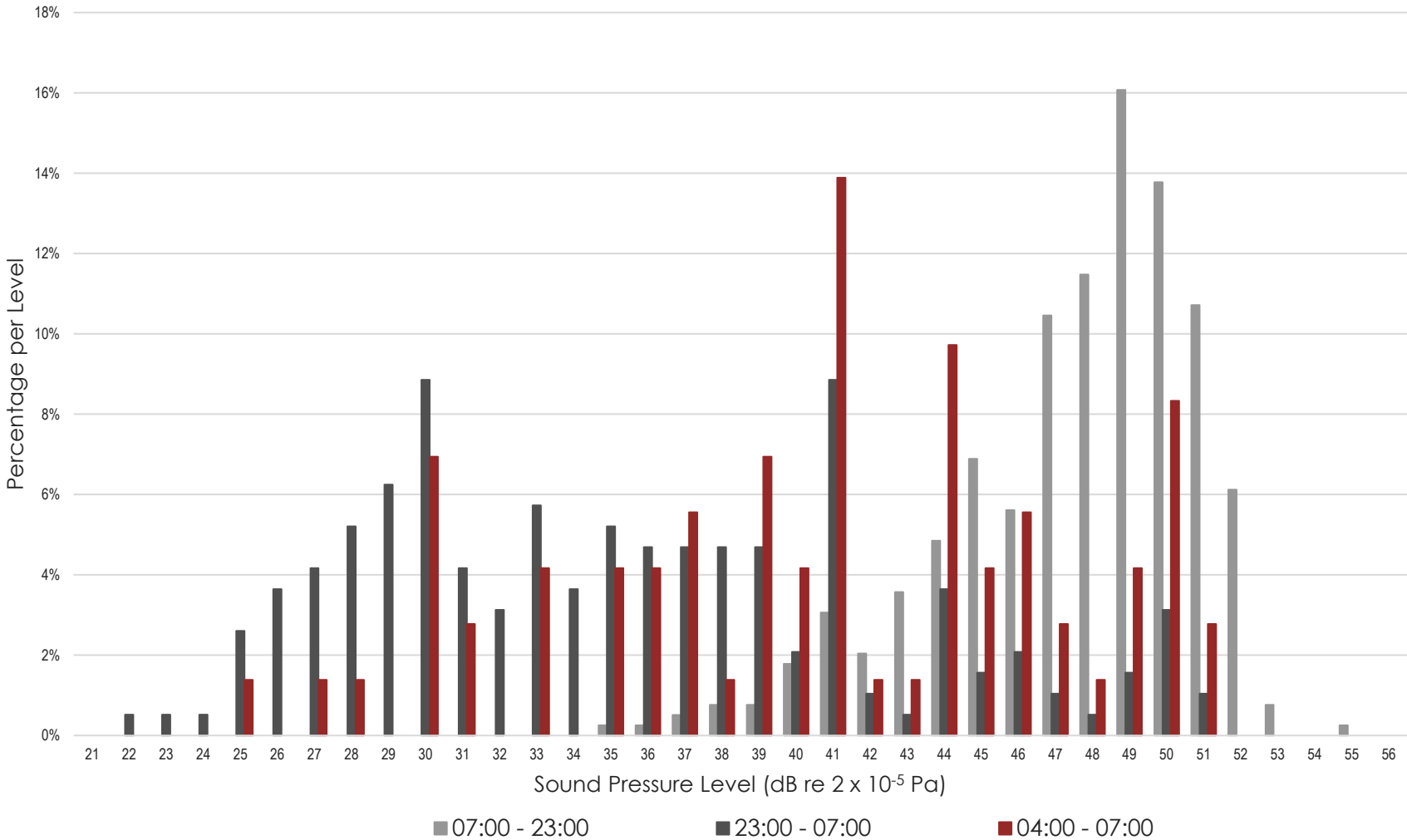
East Pye Solar
L_{A90,15 minutes} Histogram
MP27



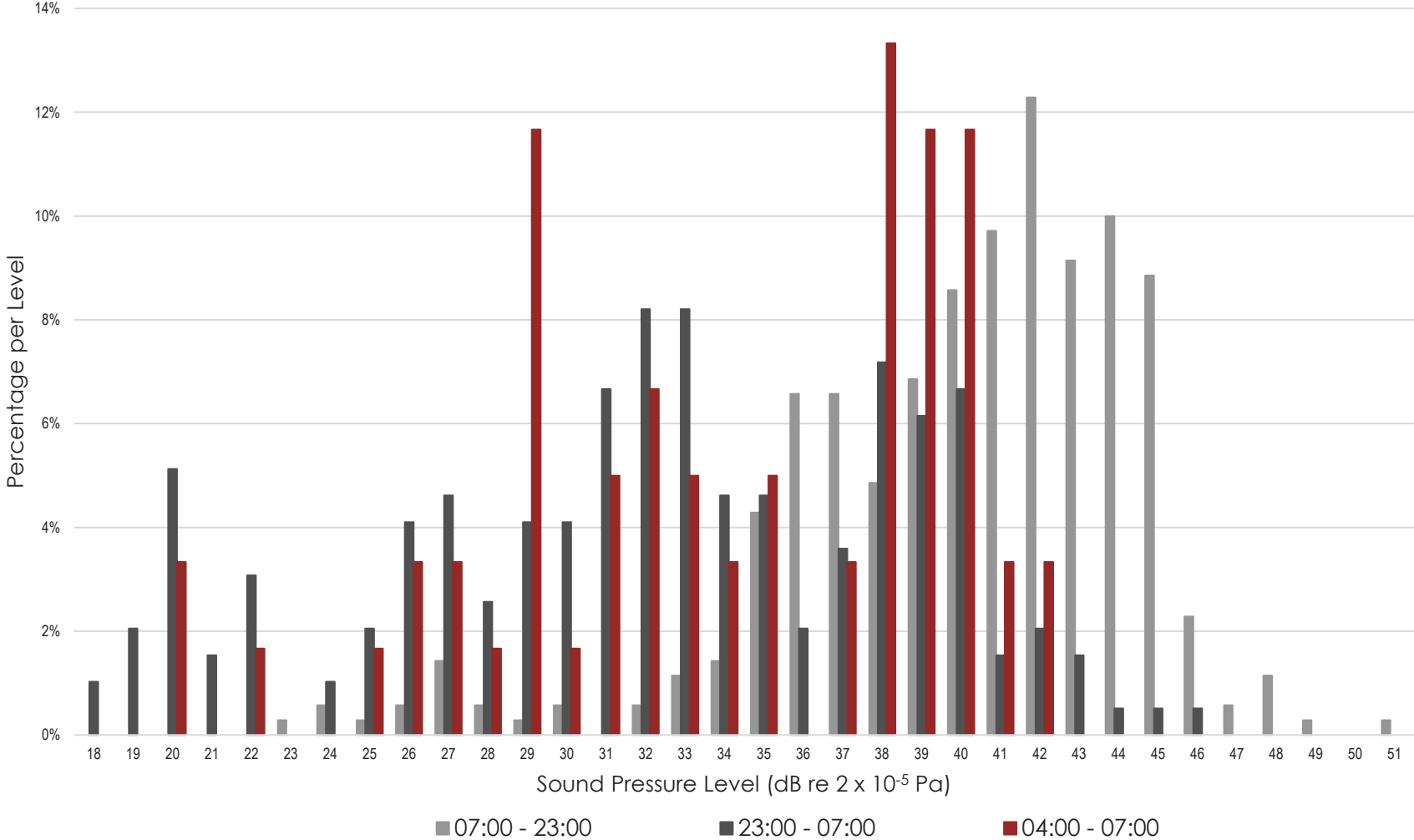
East Pye Solar
L_{A90,15 minutes} Histogram
MP28



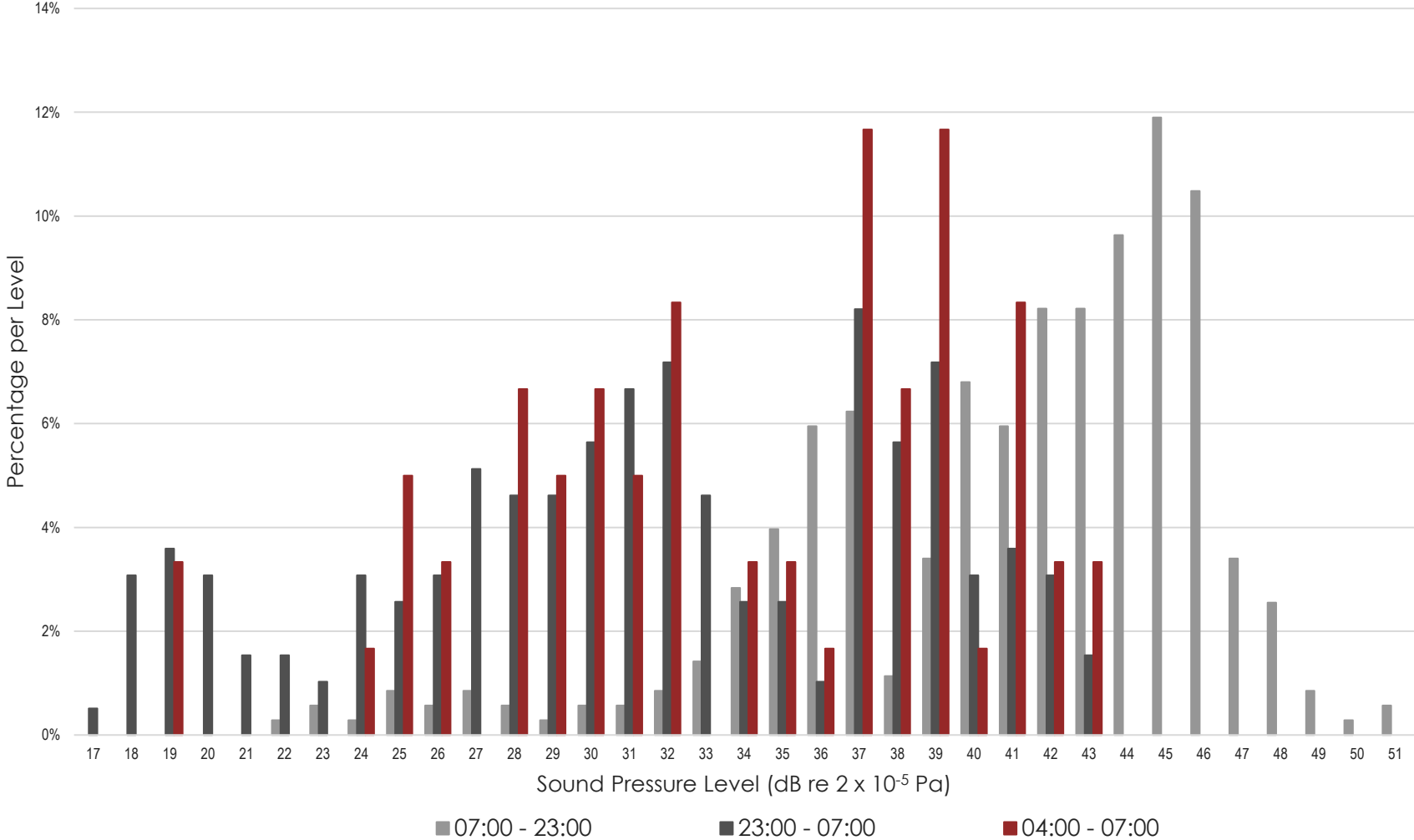
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP29



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP30



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP51

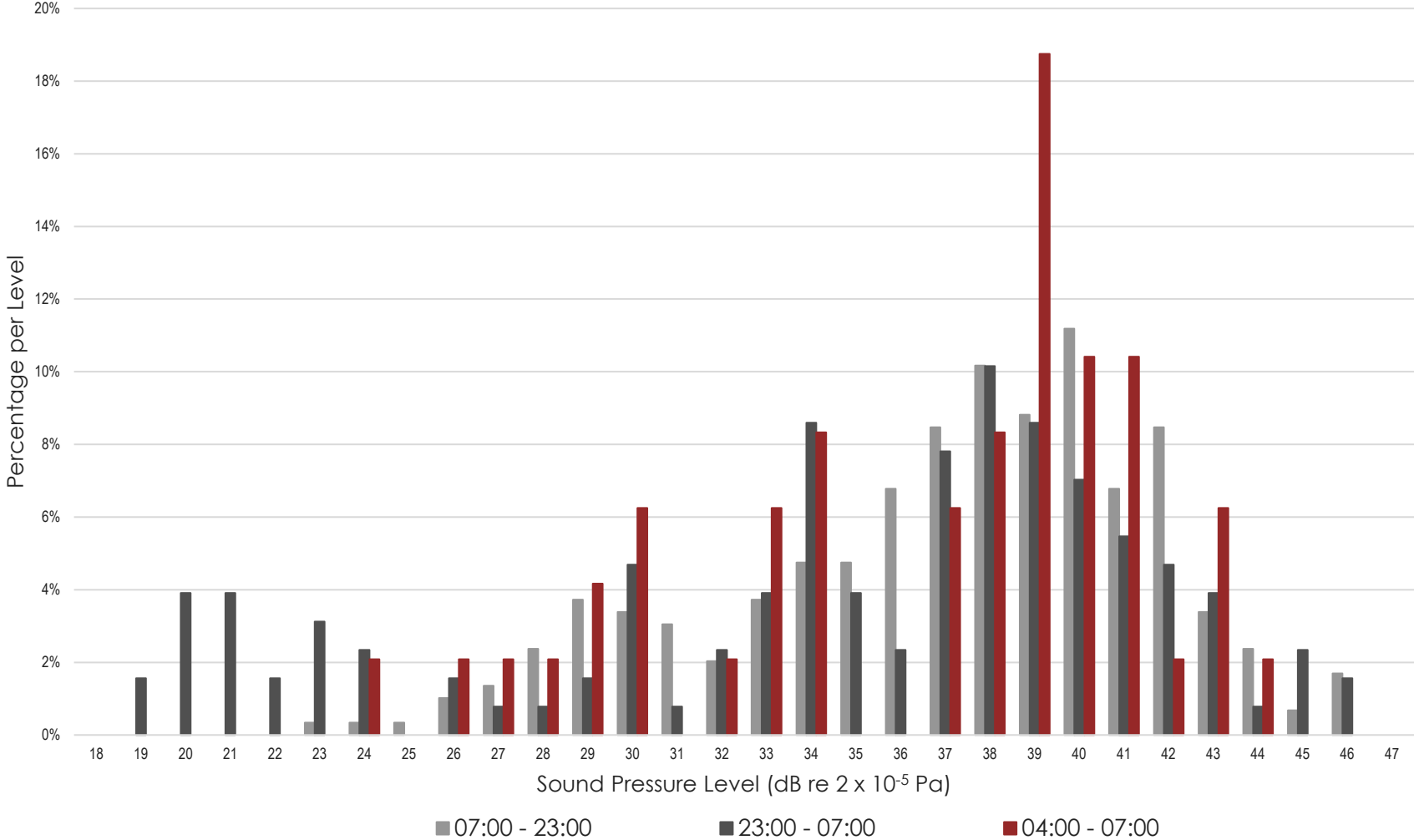


Appendix 12.1 Baseline Sound Survey Report

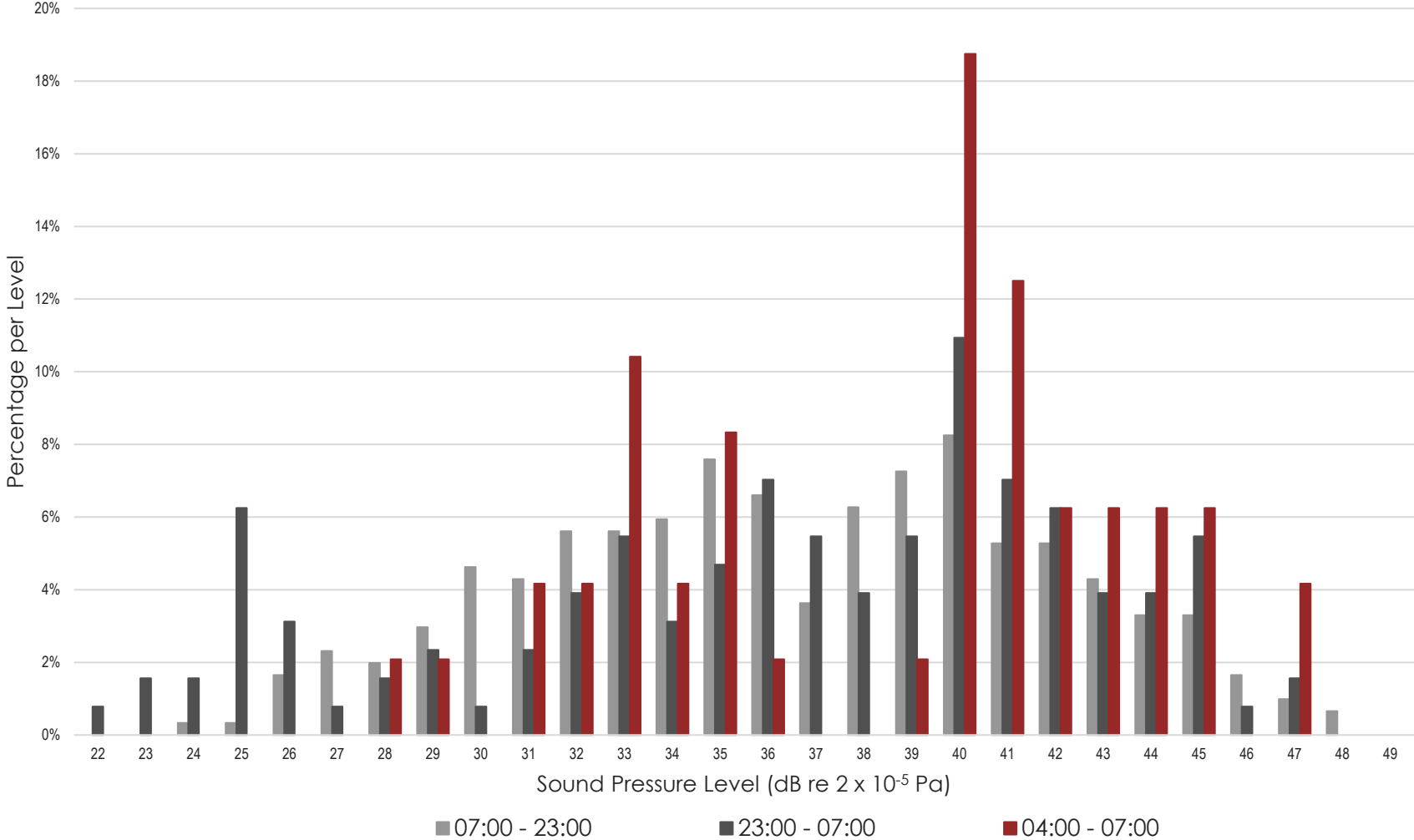
D.5 Parcel Group 5



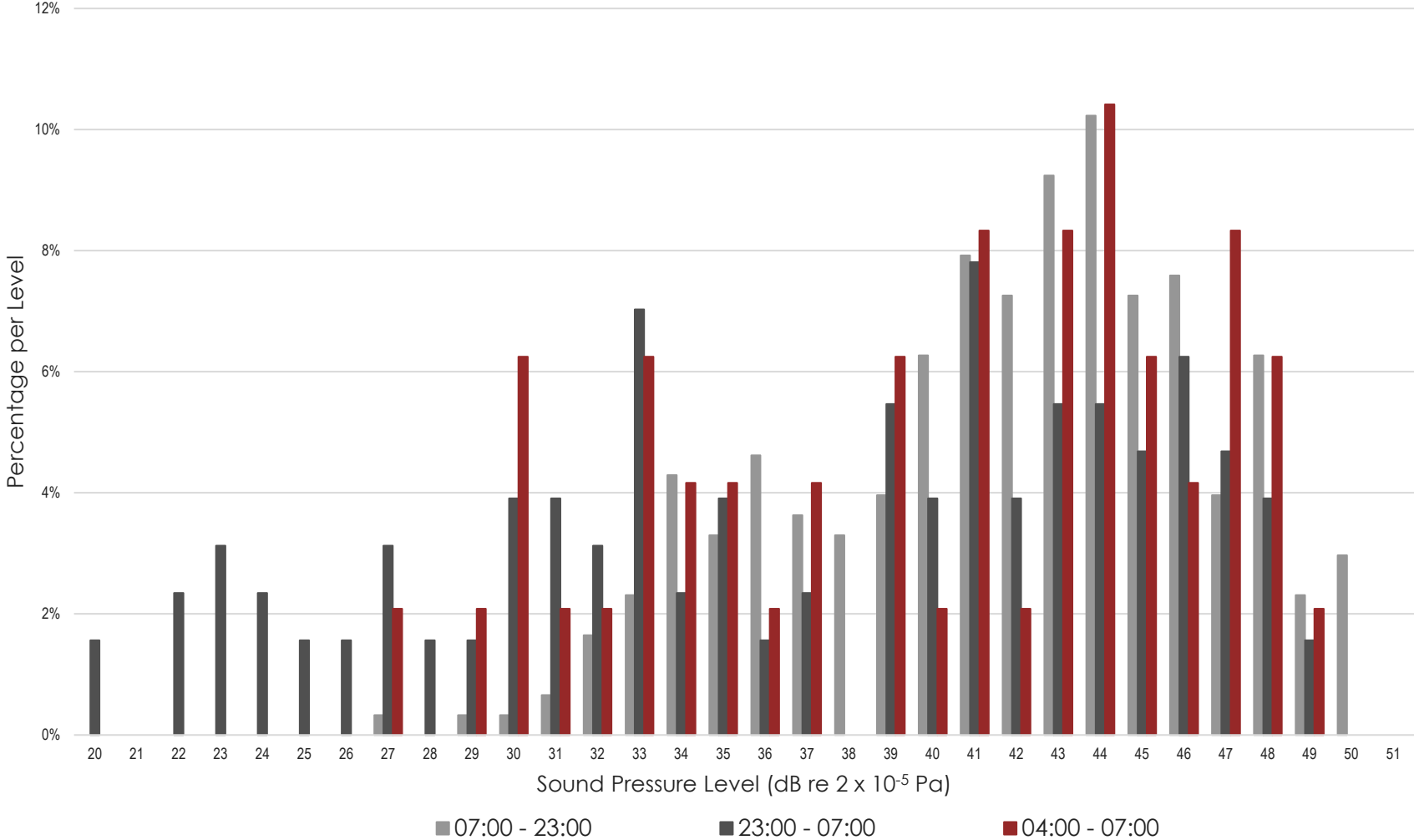
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP31



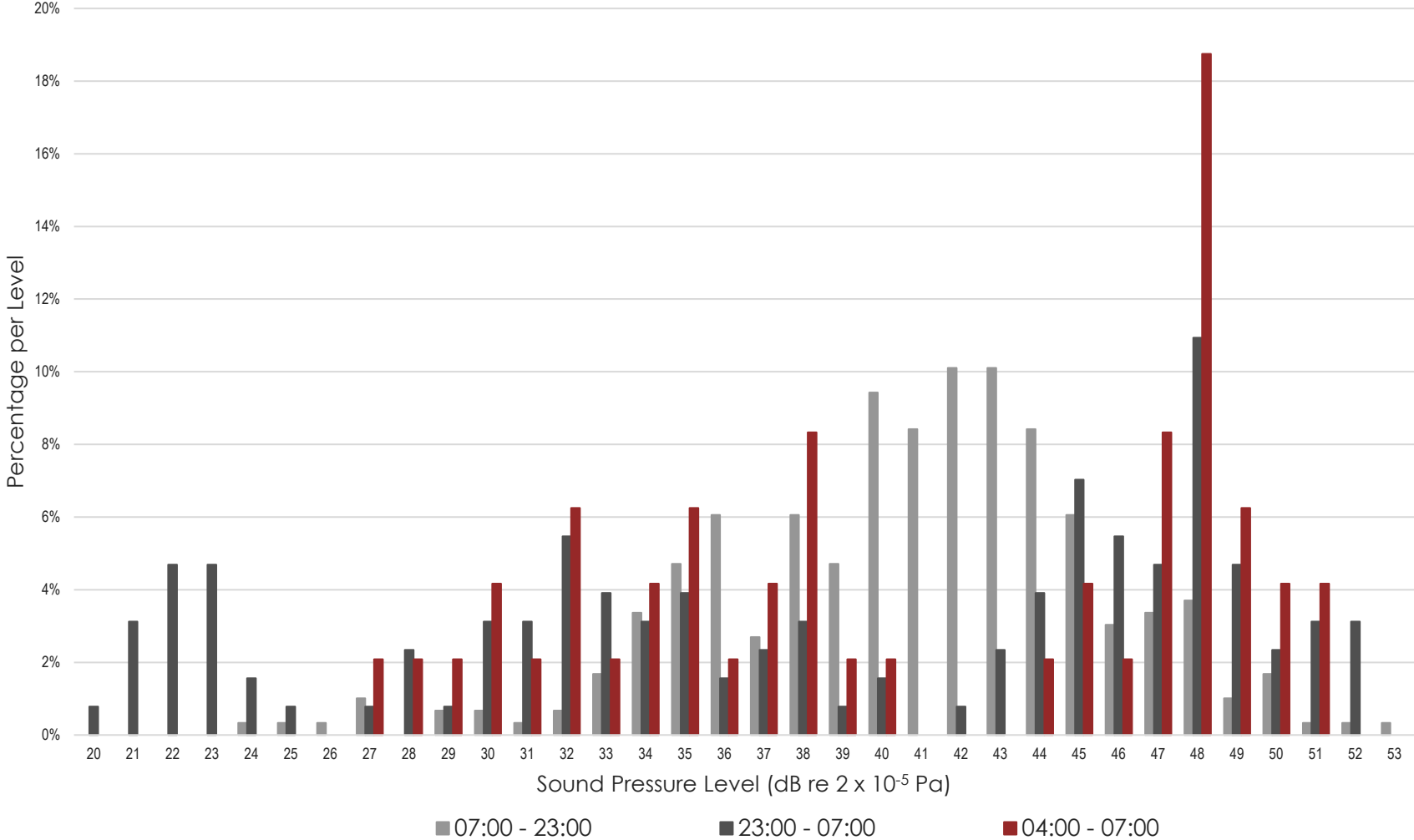
East Pye Solar
L_{A90,15 minutes} Histogram
MP32



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP33



East Pye Solar
L_{A90,15 minutes} Histogram
MP34

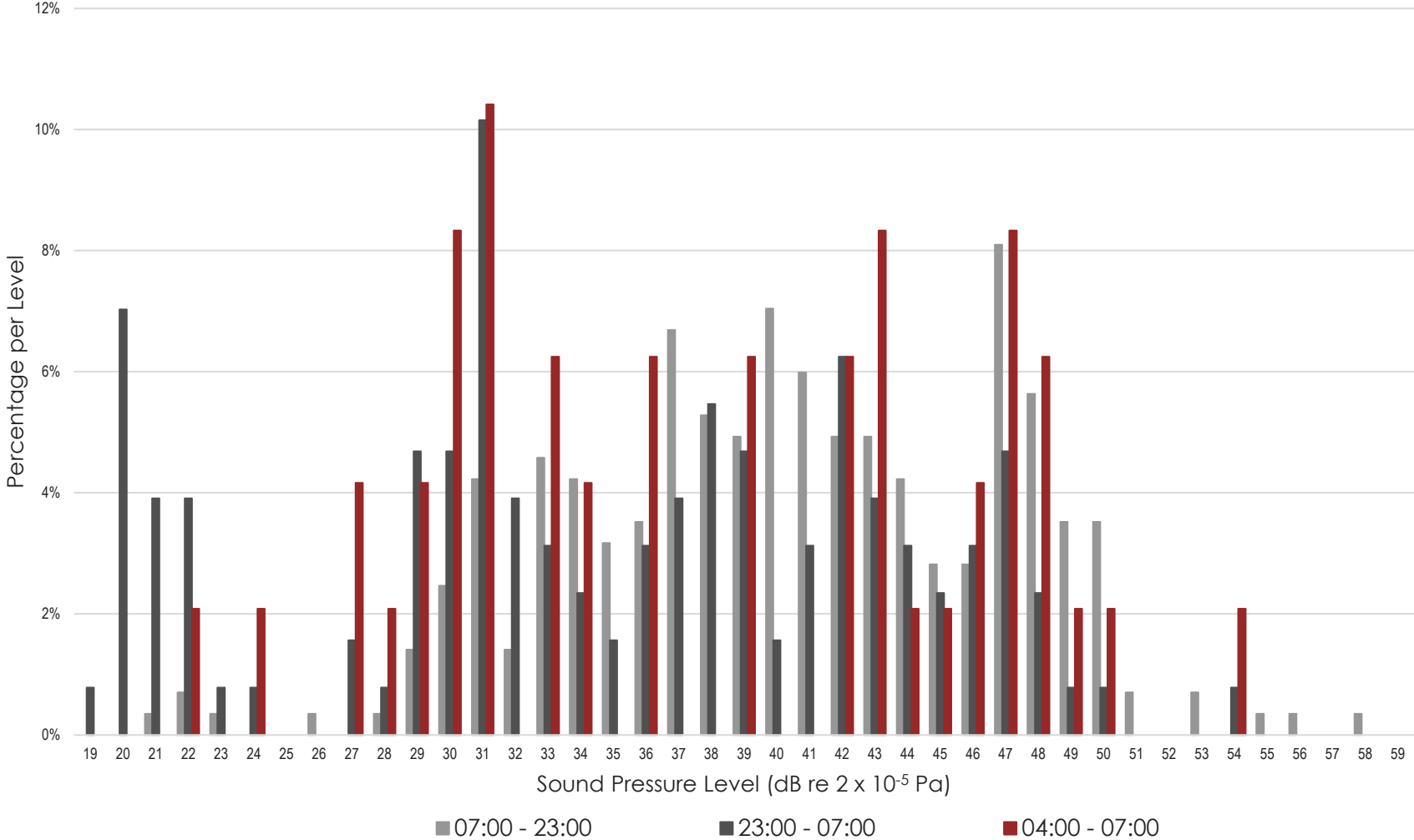


Appendix 12.1 Baseline Sound Survey Report

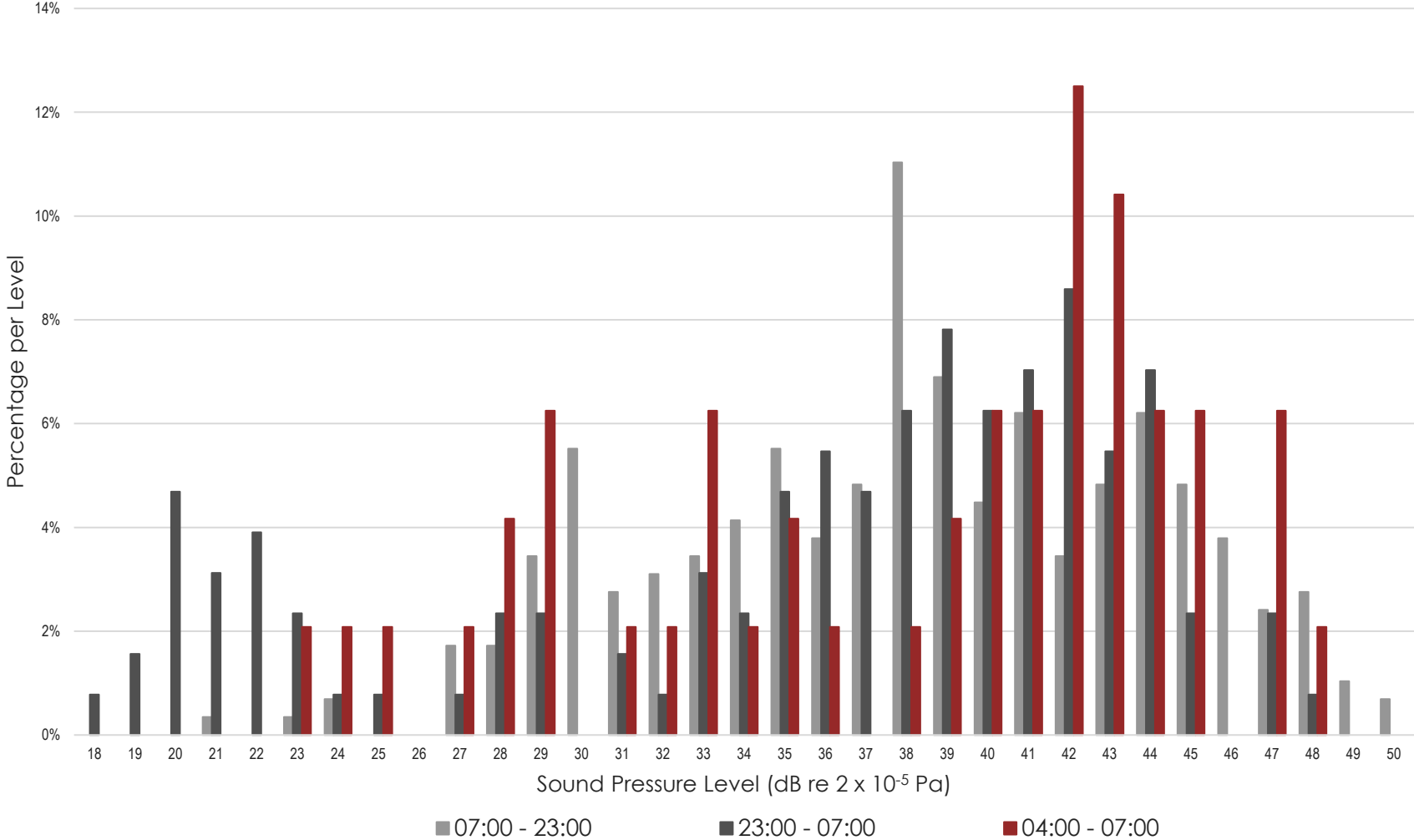
D.6 Parcel Group 6



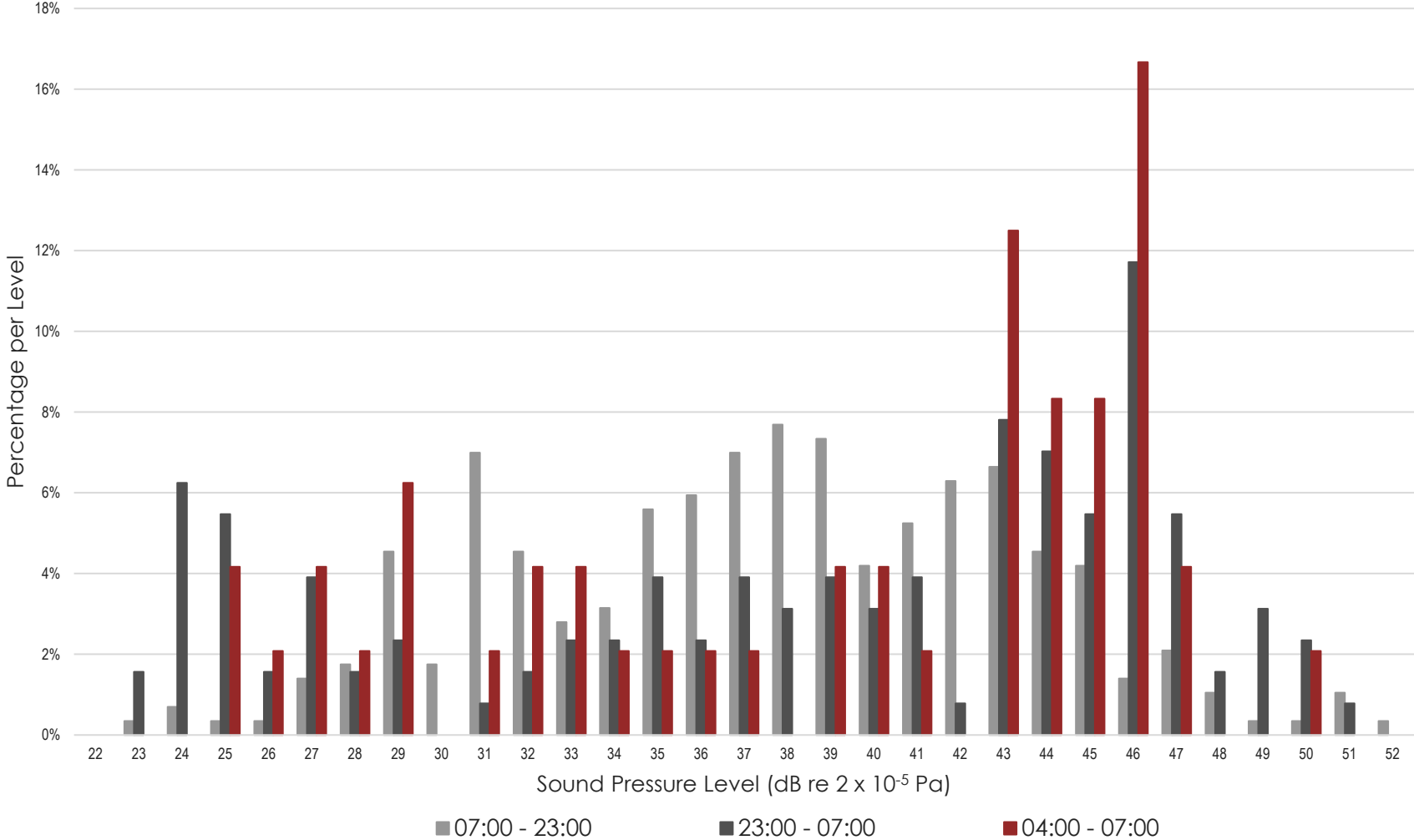
East Pye Long Stratton
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP35



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP36



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP37

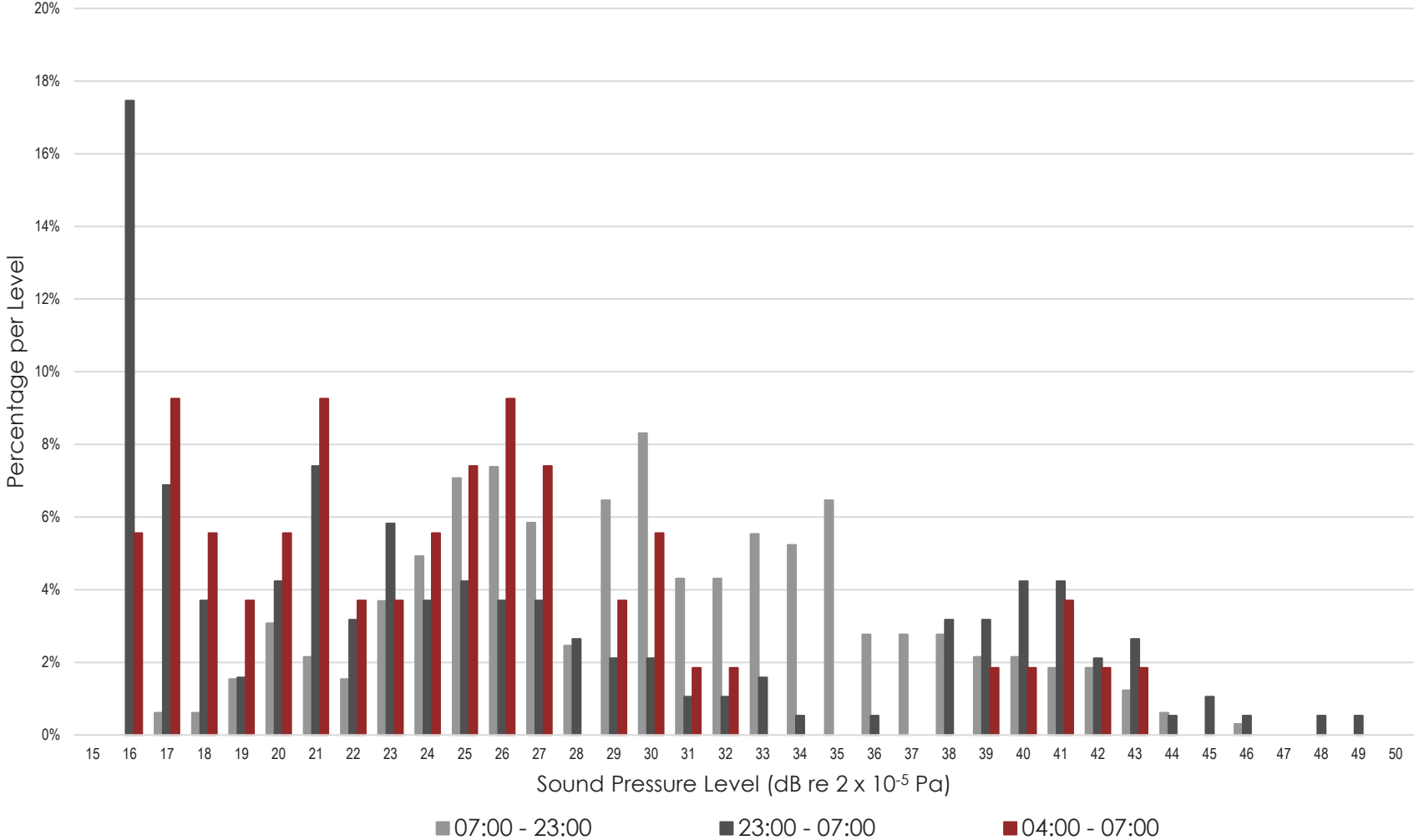


Appendix 12.1 Baseline Sound Survey Report

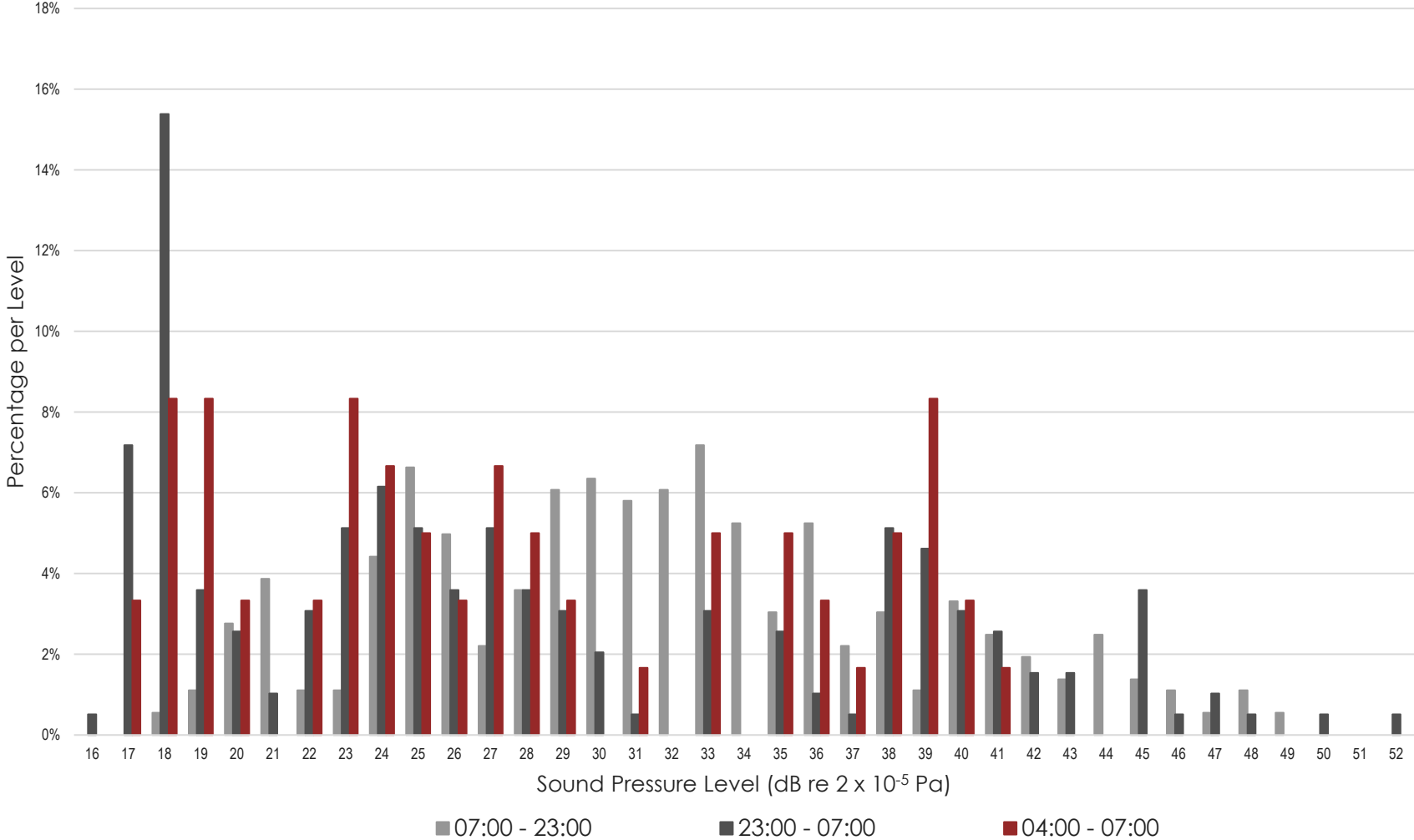
D.7 Parcel Group 7



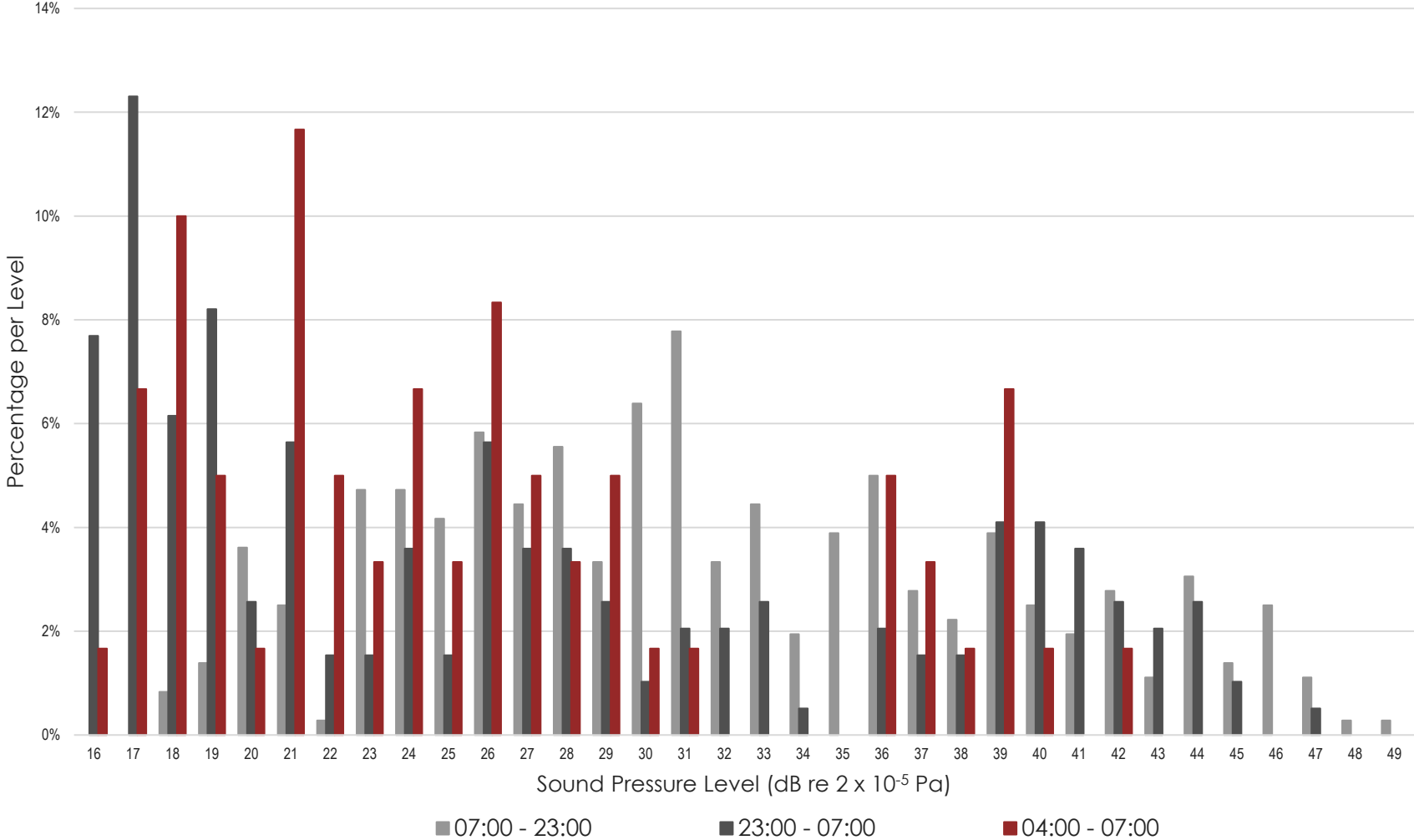
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP14



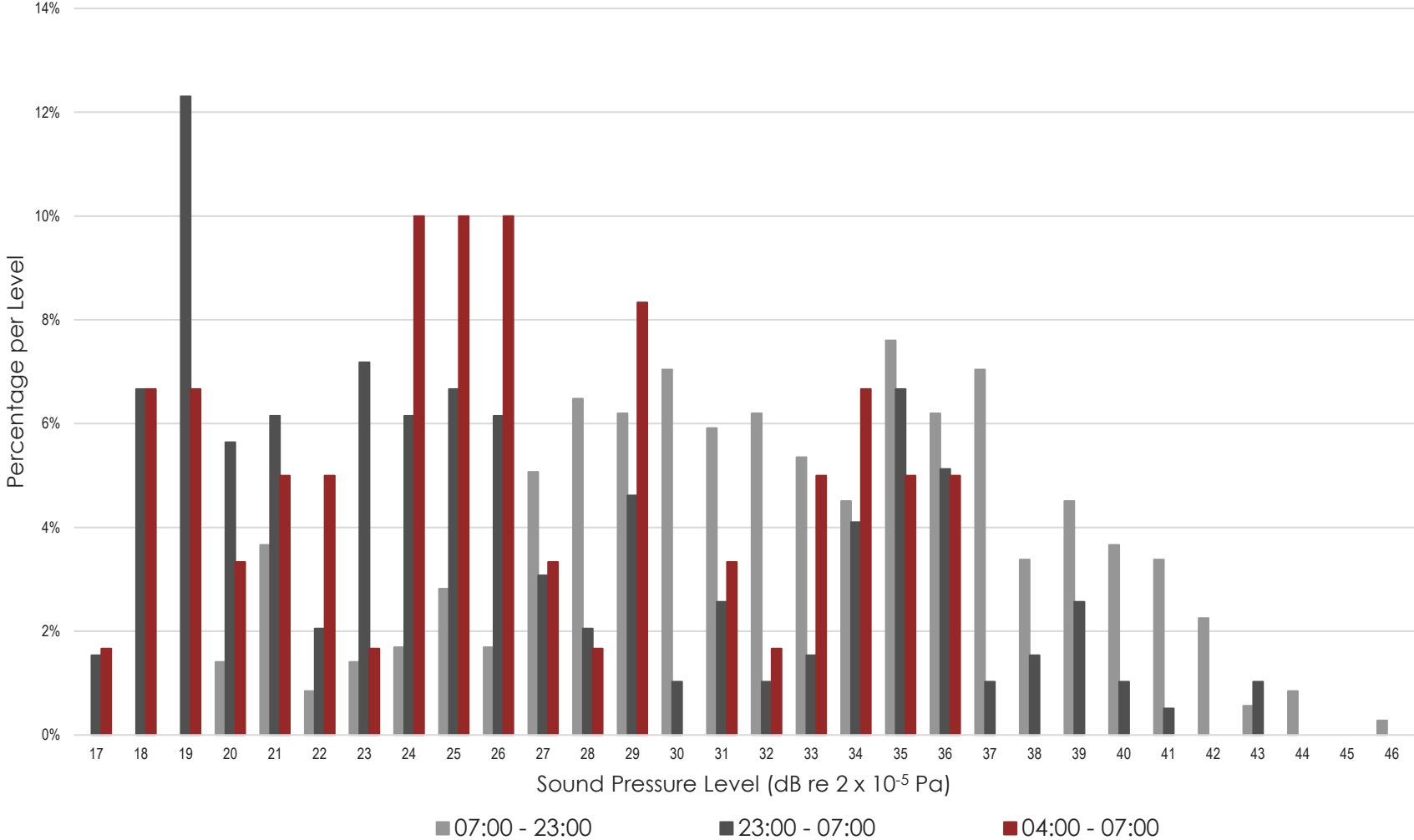
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP15



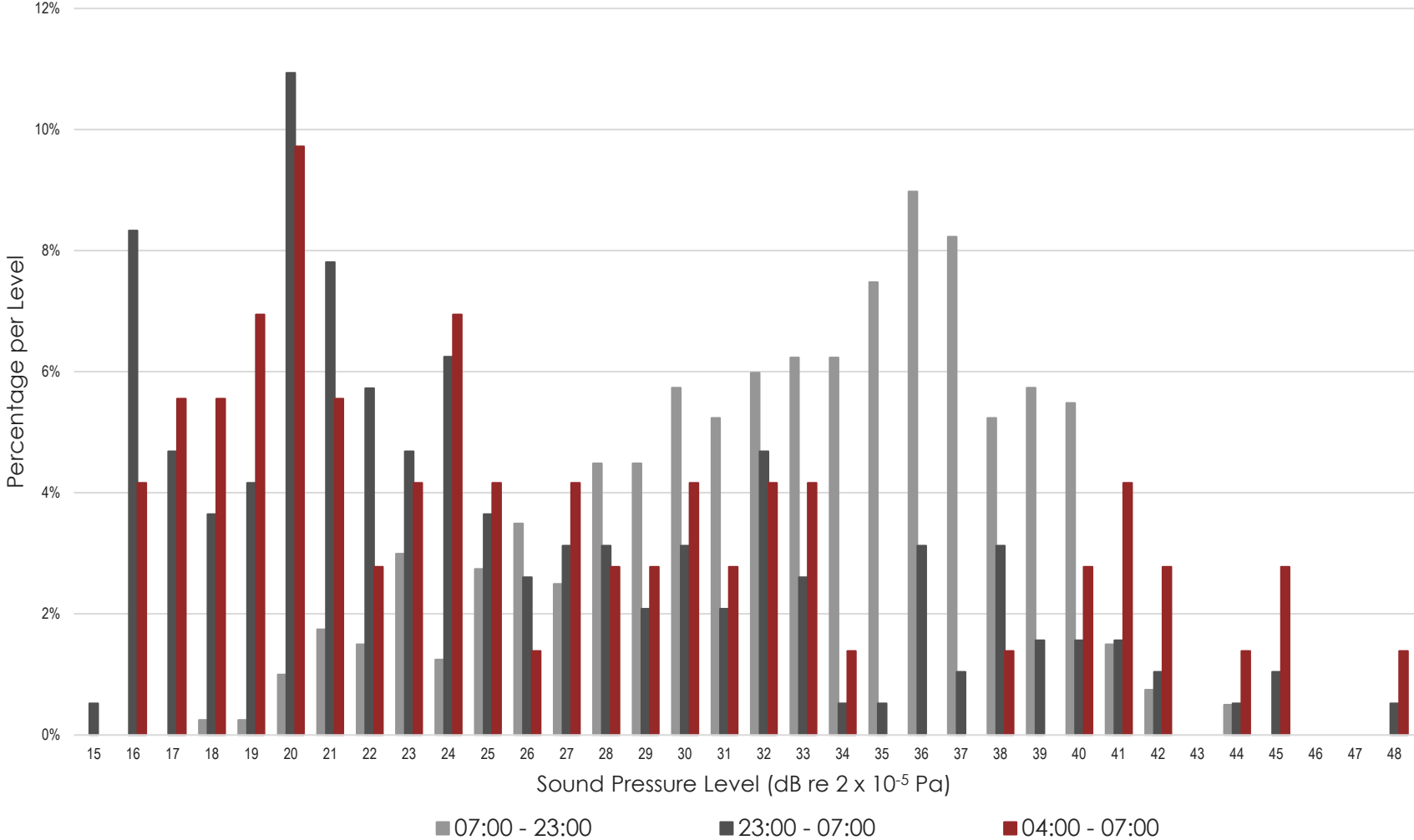
East Pye Solar
L_{A90,15 minutes} Histogram
MP16



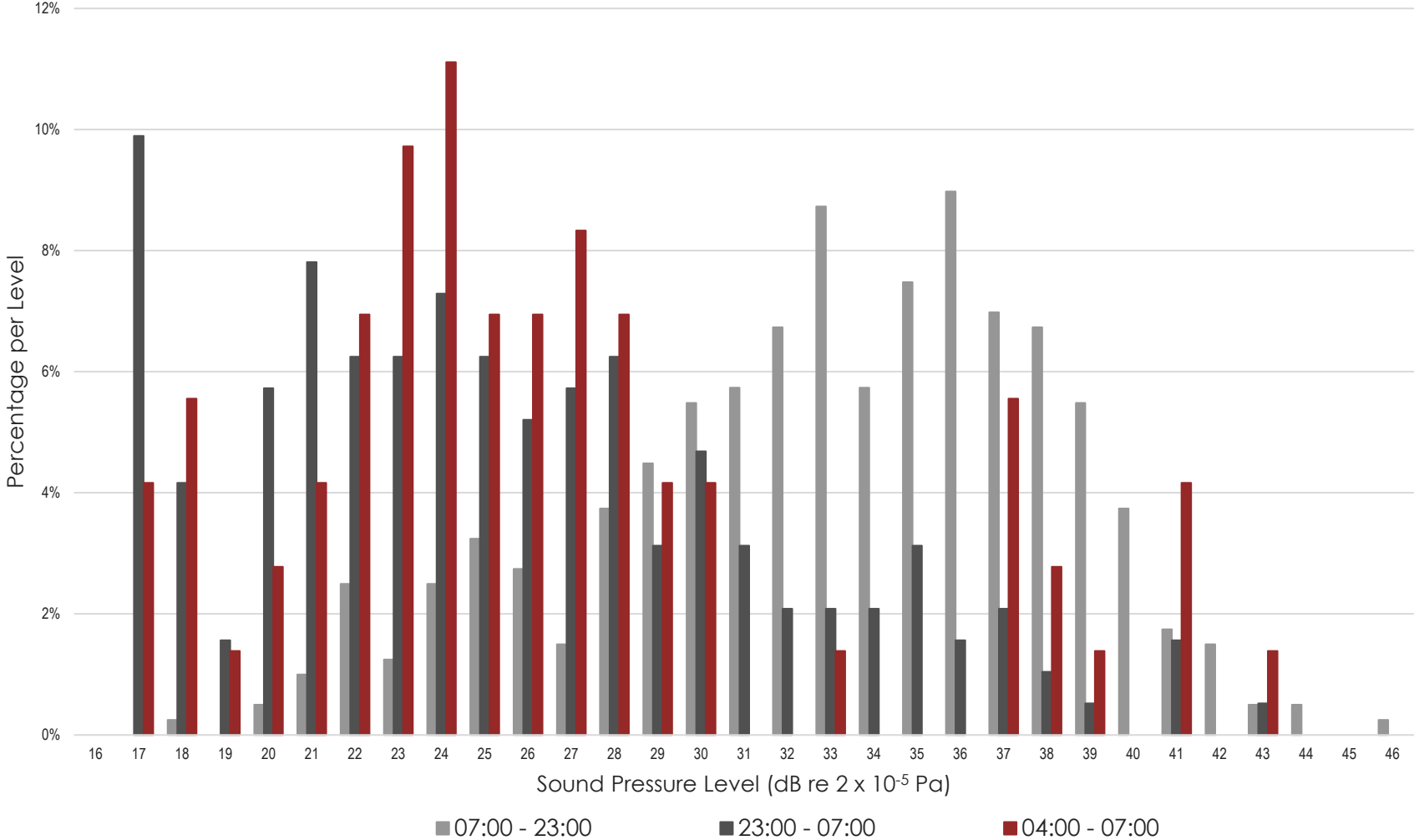
East Pye Solar
L_{A90,15 minutes} Histogram
MP17



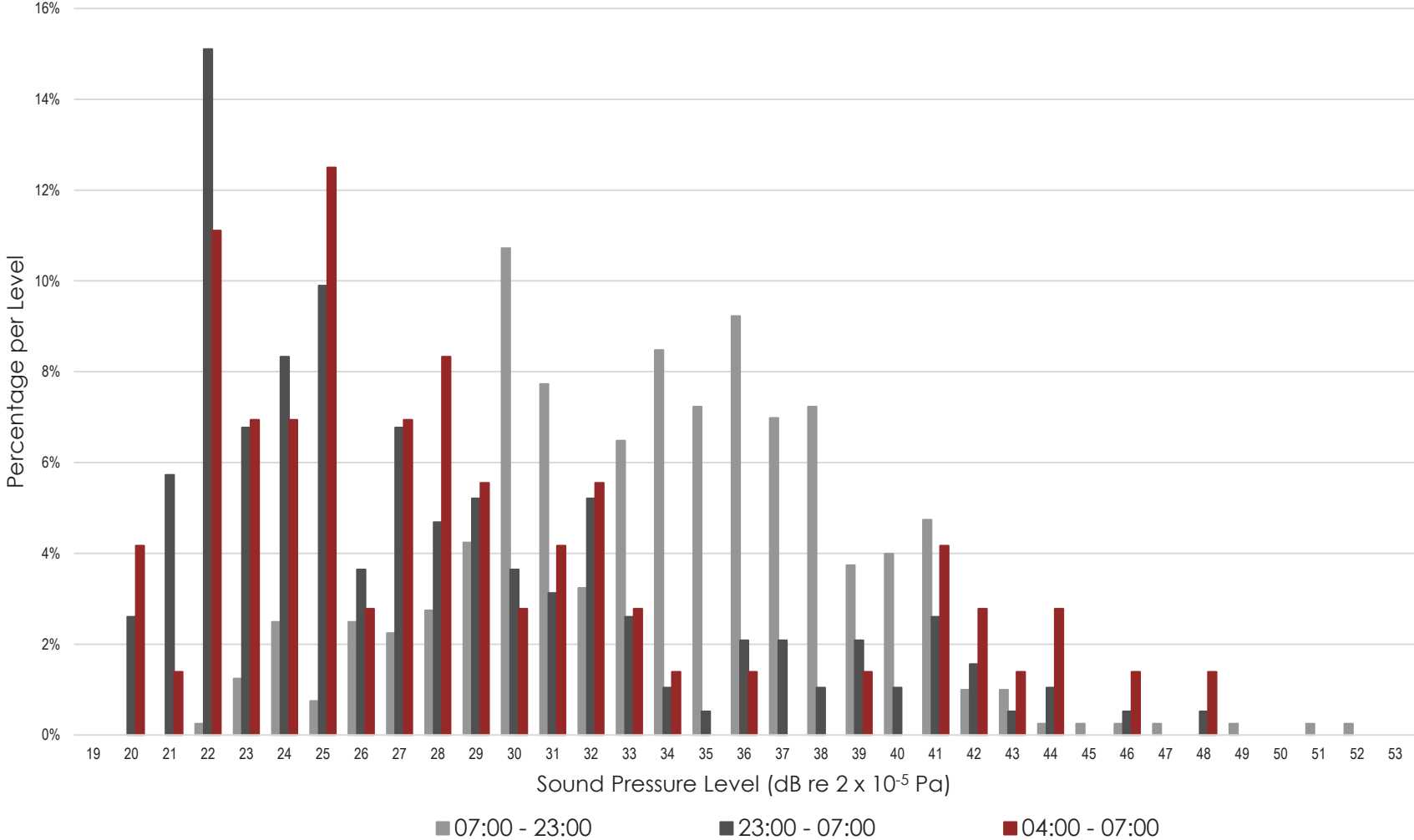
East Pye Solar
L_{A90,15 minutes} Histogram
MP18



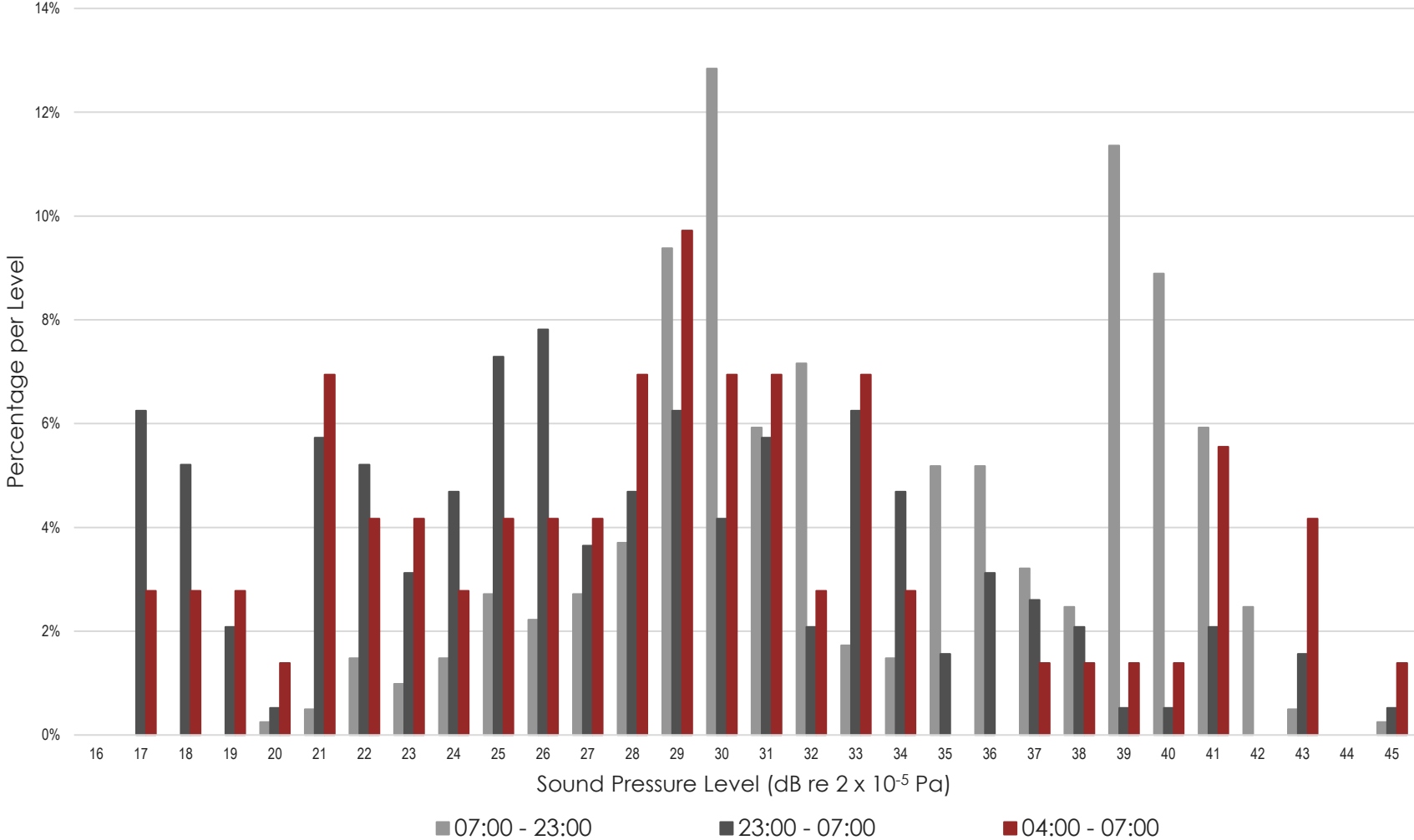
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP19



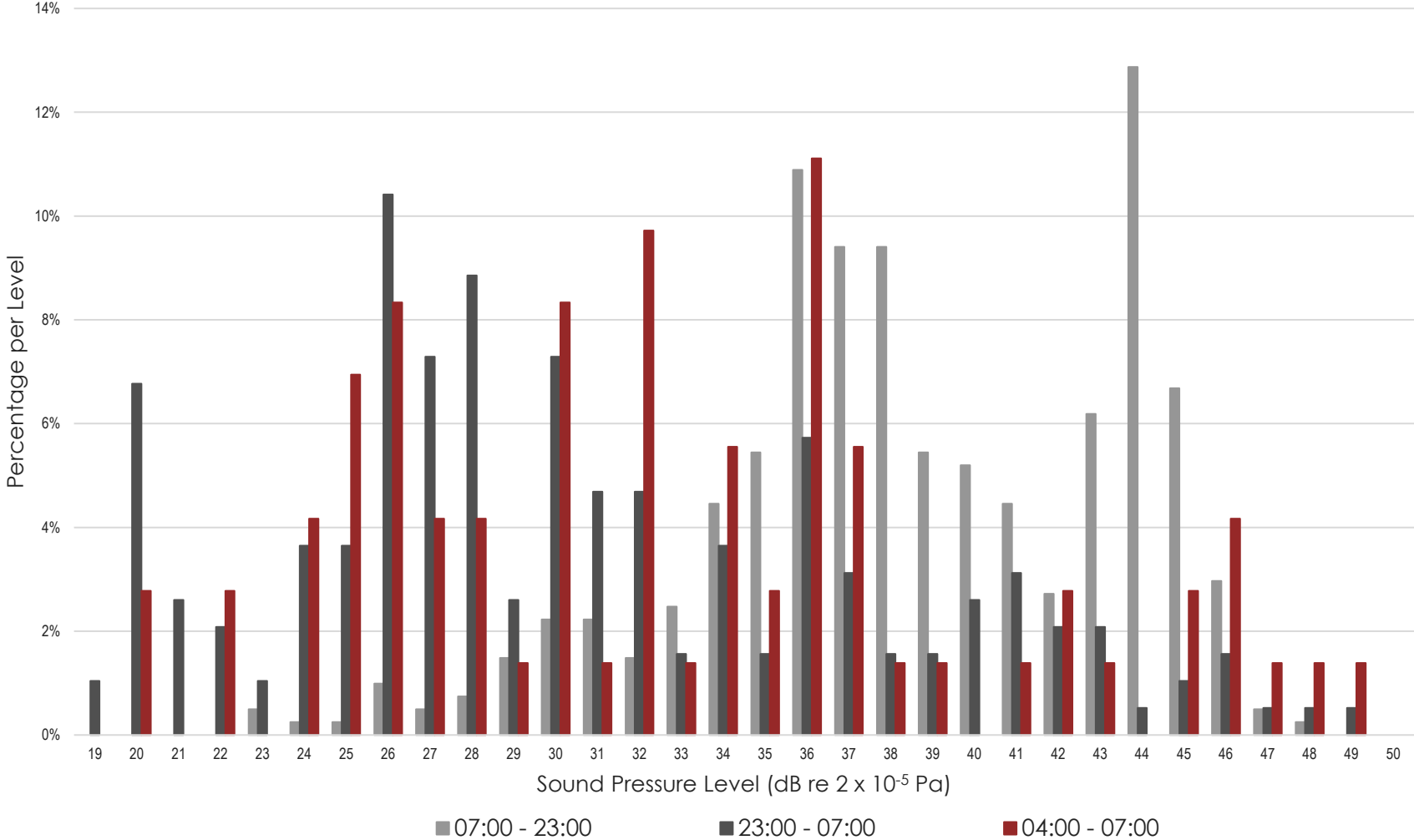
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP20



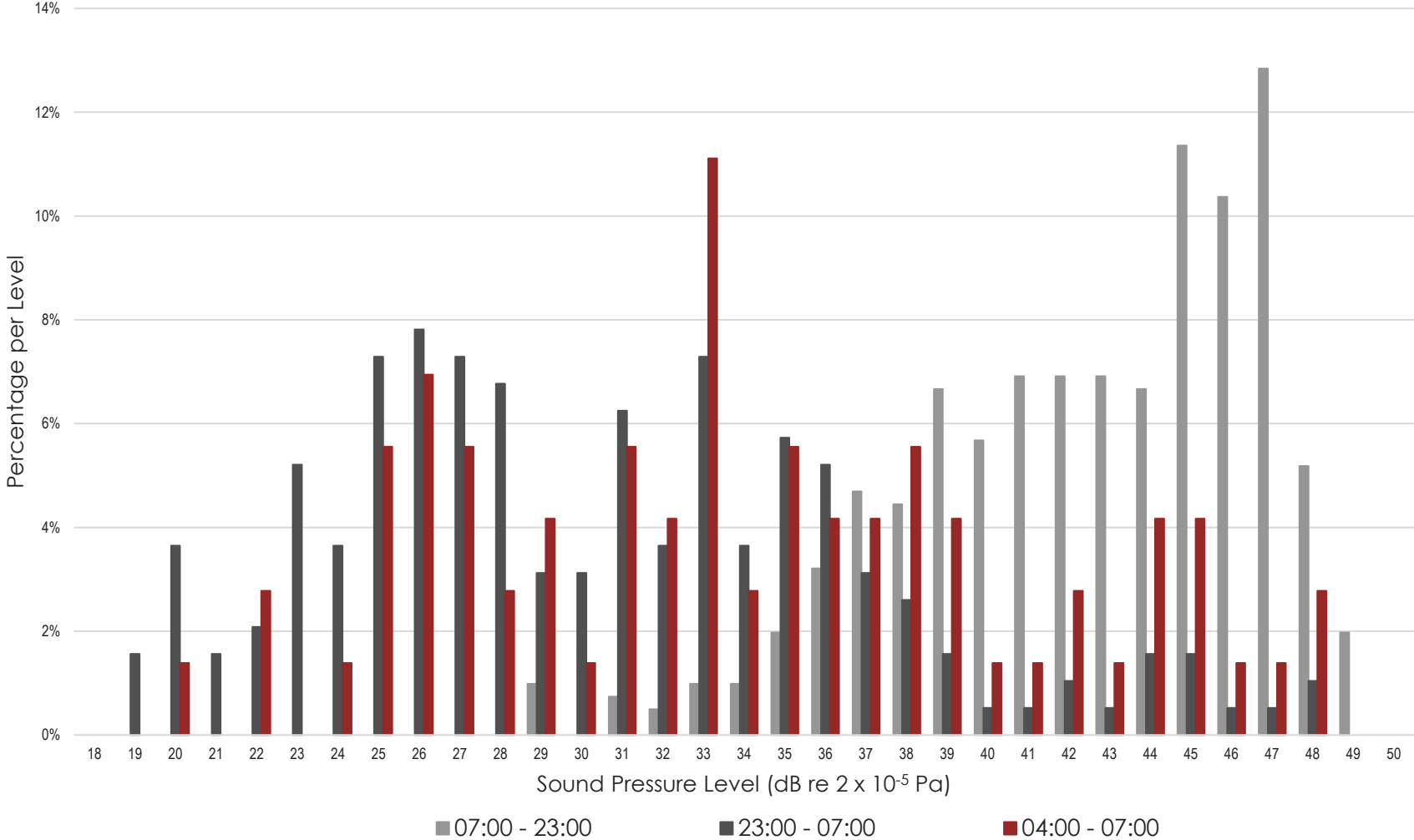
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP21



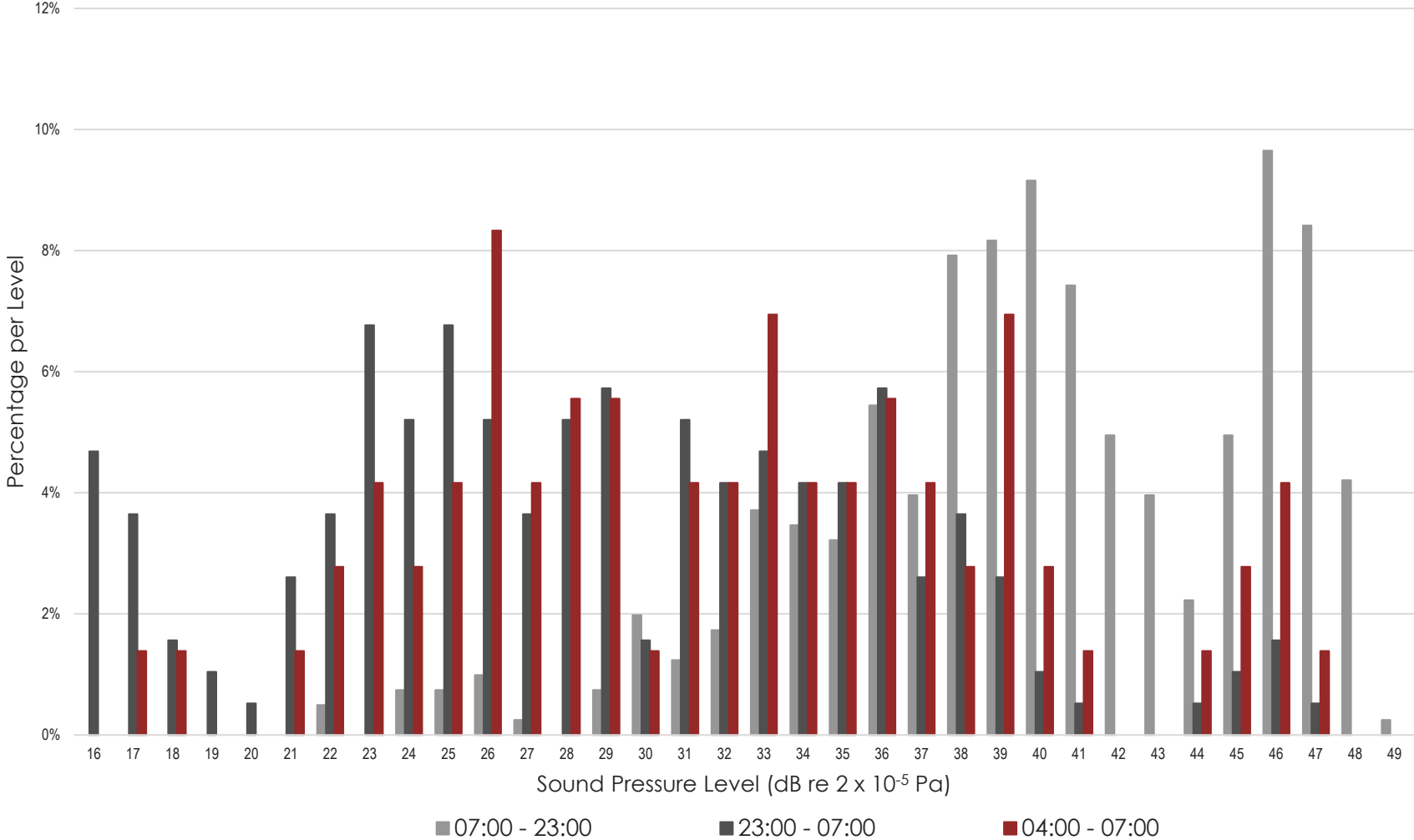
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP22



East Pye Solar
L_{A90,15 minutes} Histogram
MP23



East Pye Solar
L_{A90,15 minutes} Histogram
MP24

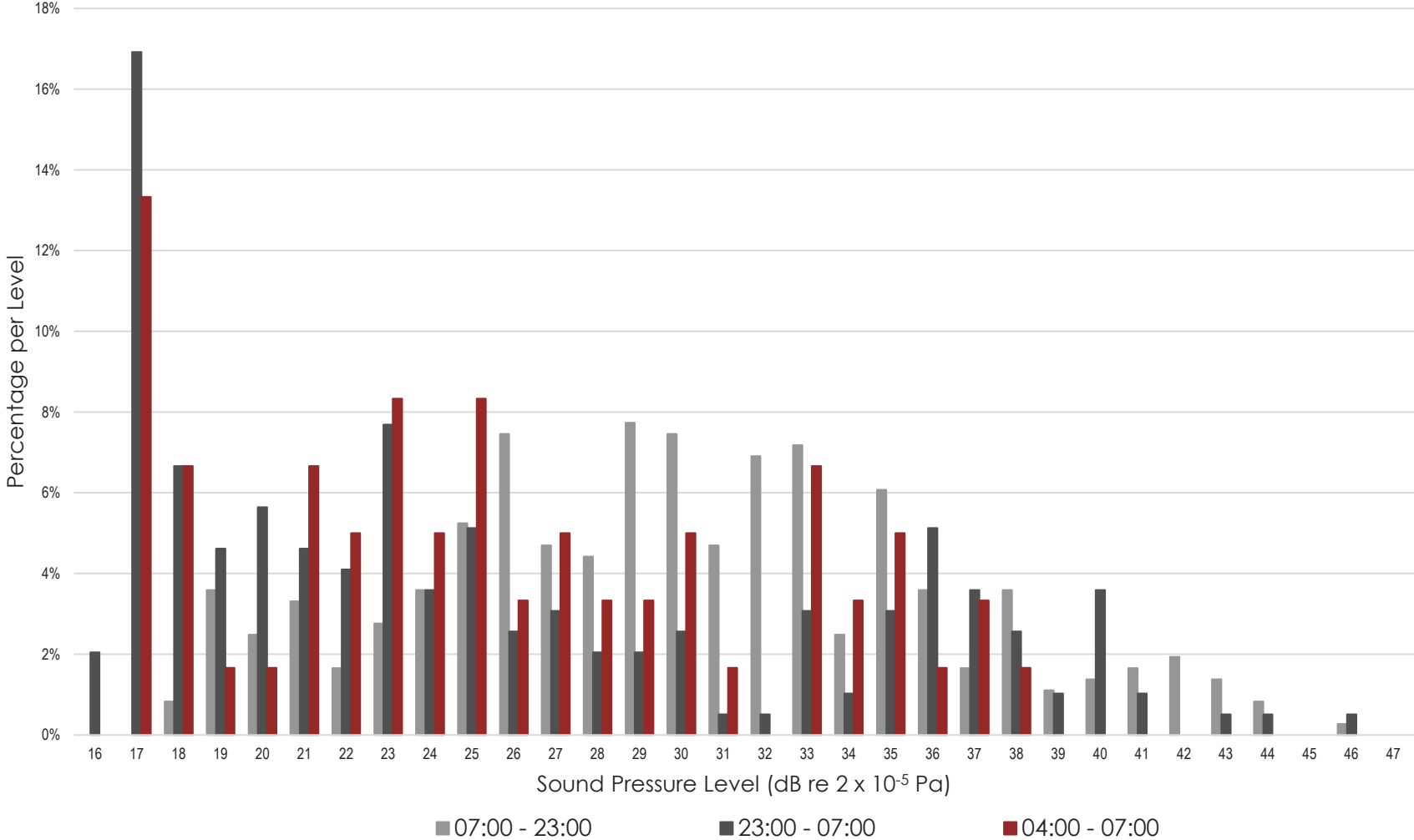


Appendix 12.1 Baseline Sound Survey Report

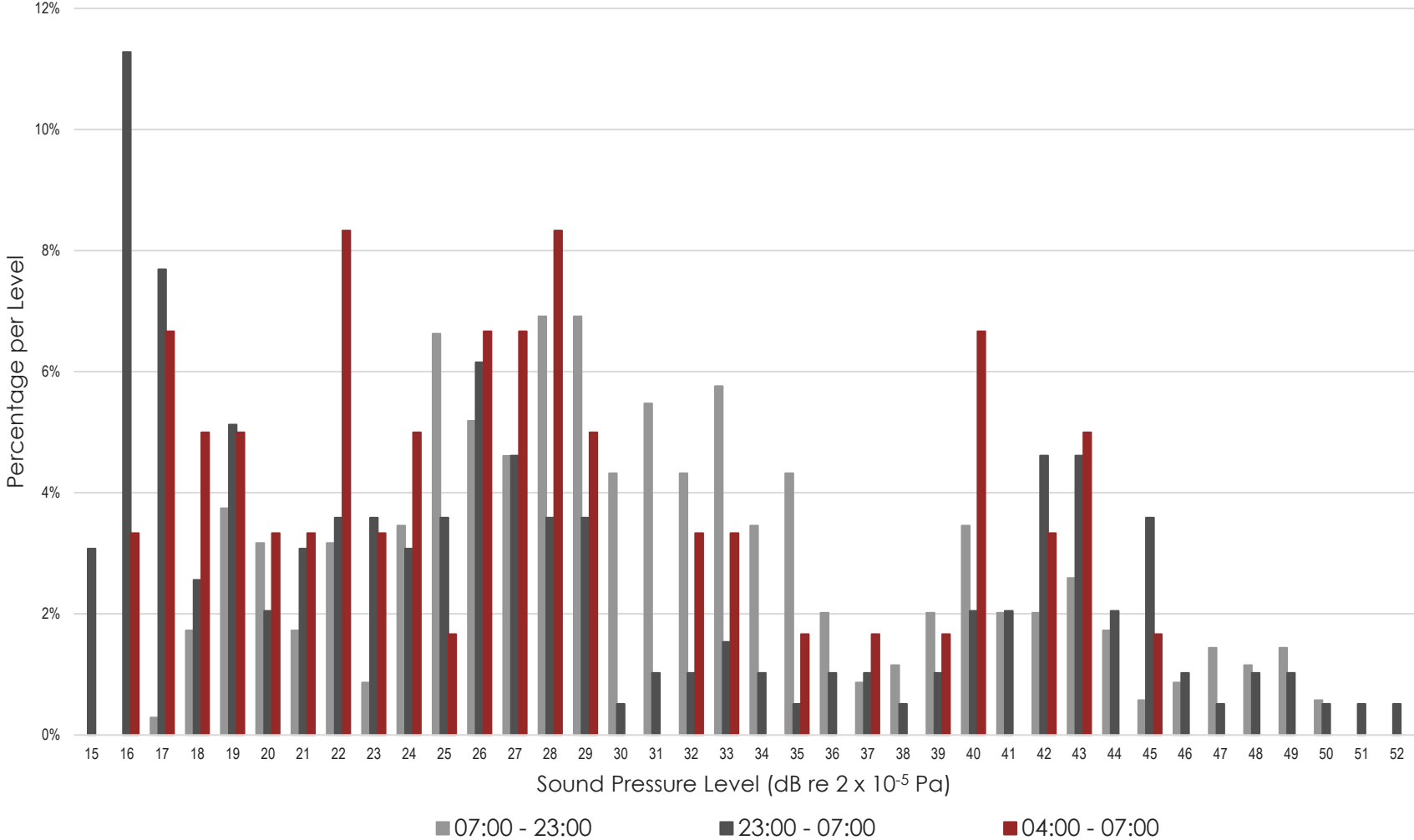
D.8 Parcel Group 8



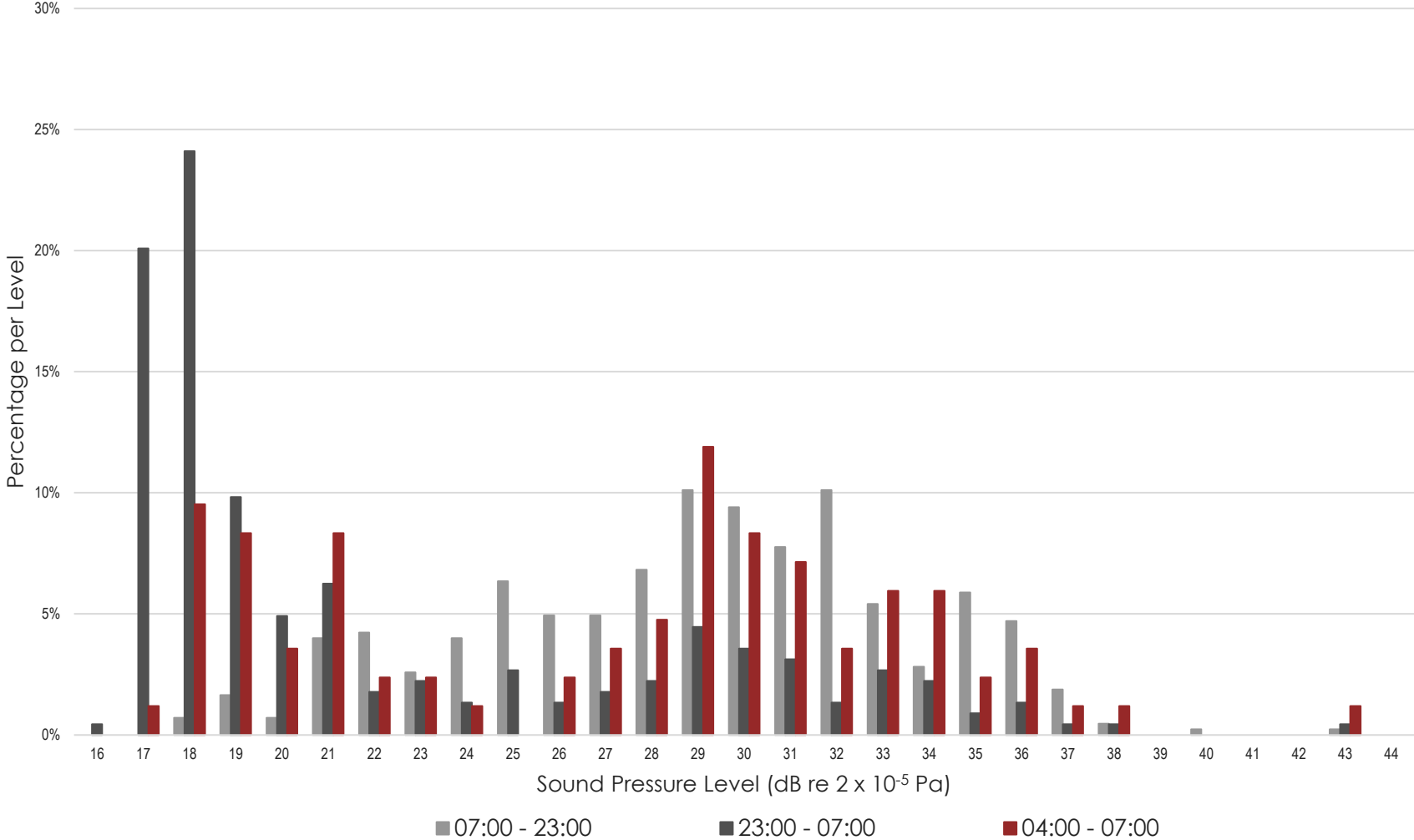
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP10



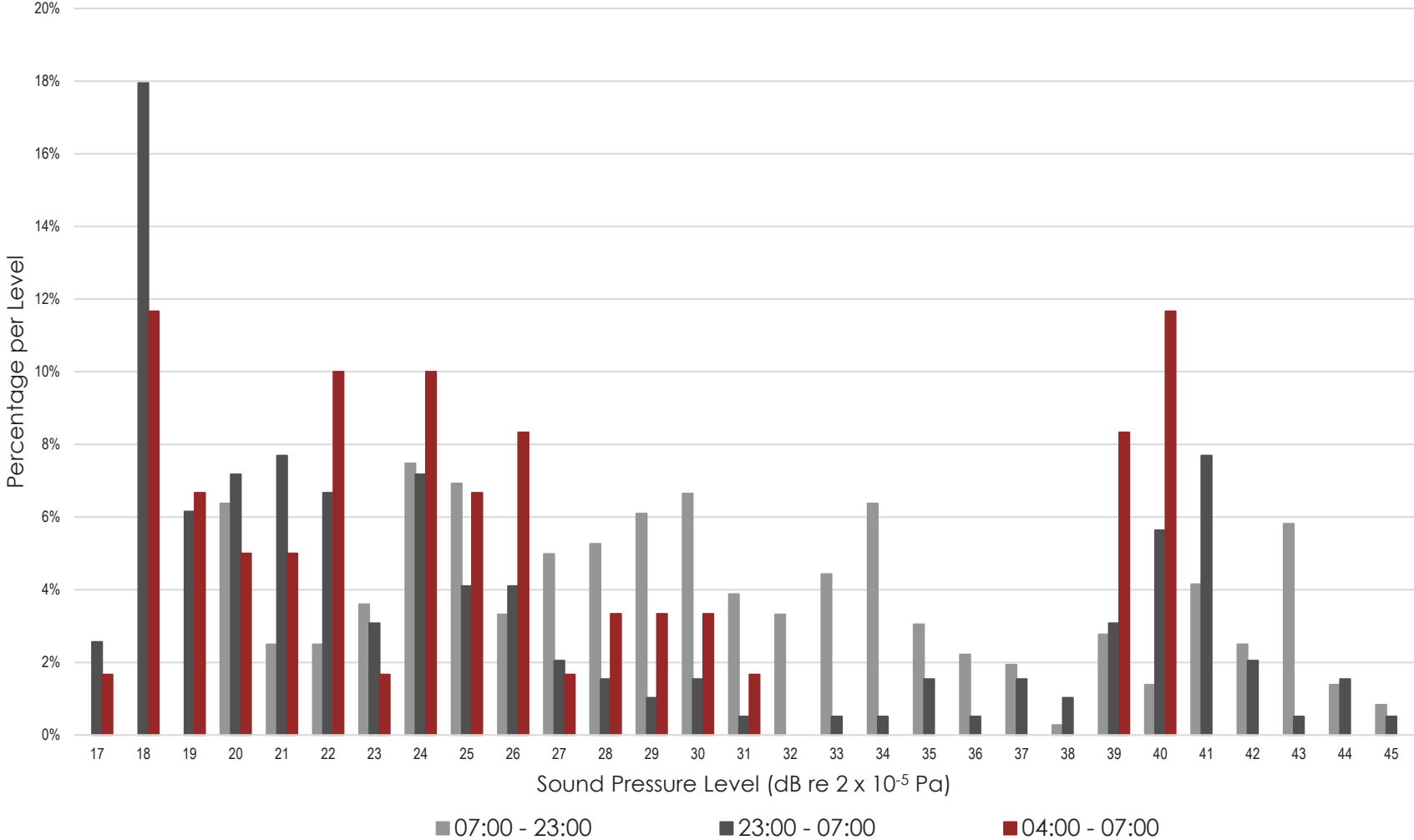
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP11



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP12



East Pye Solar
L_{A90,15 minutes} Histogram
MP13

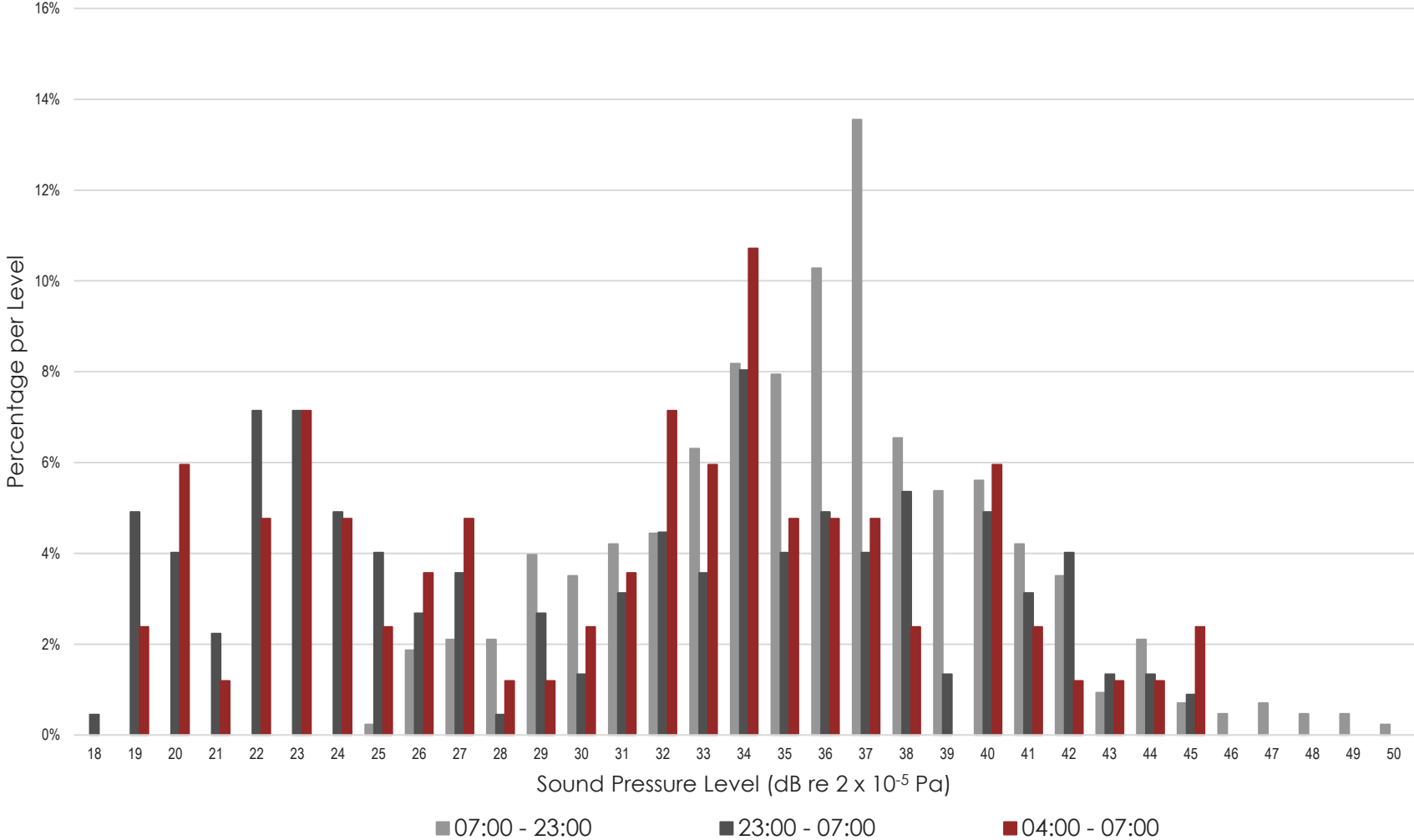


Appendix 12.1 Baseline Sound Survey Report

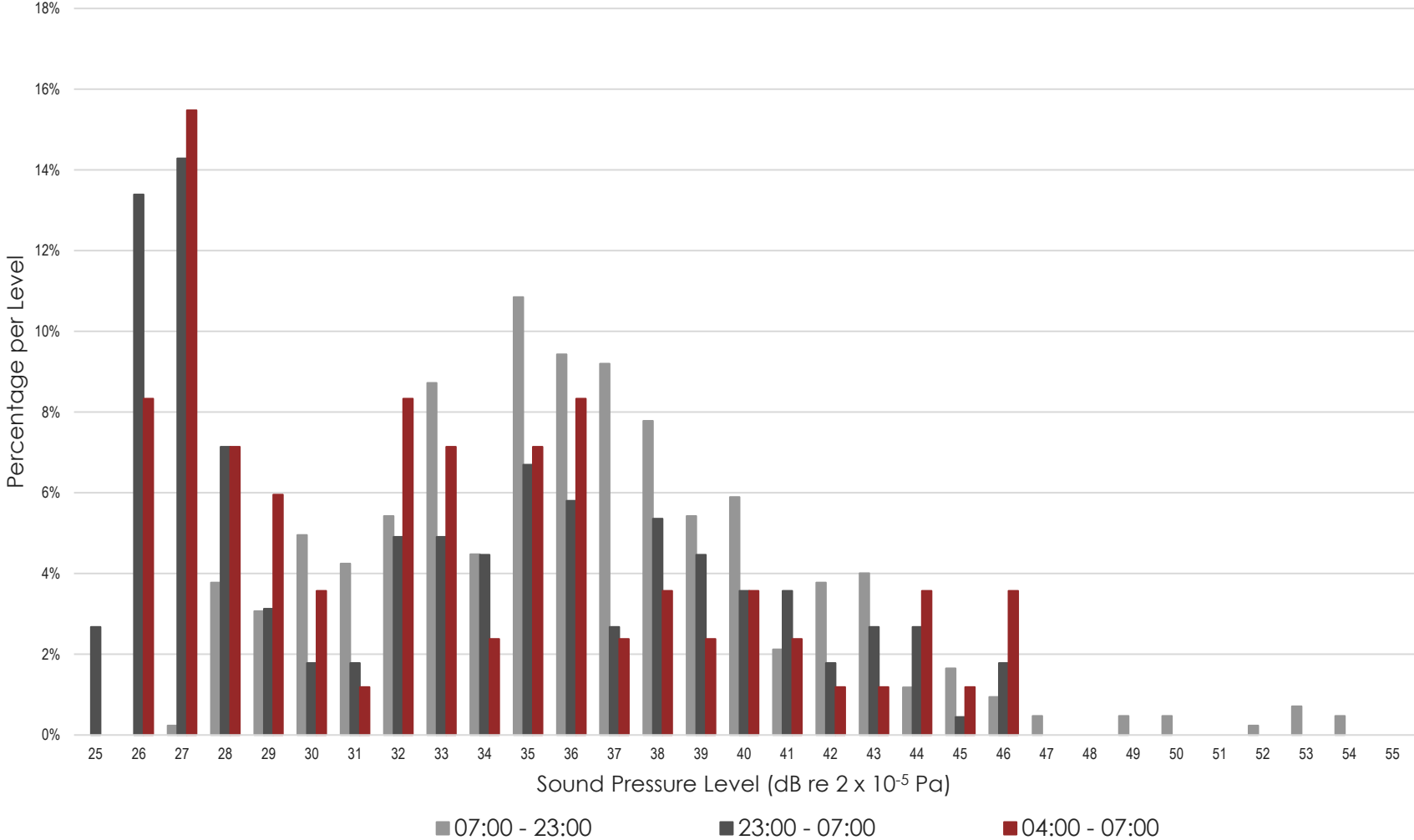
D.9 Parcel Group 9



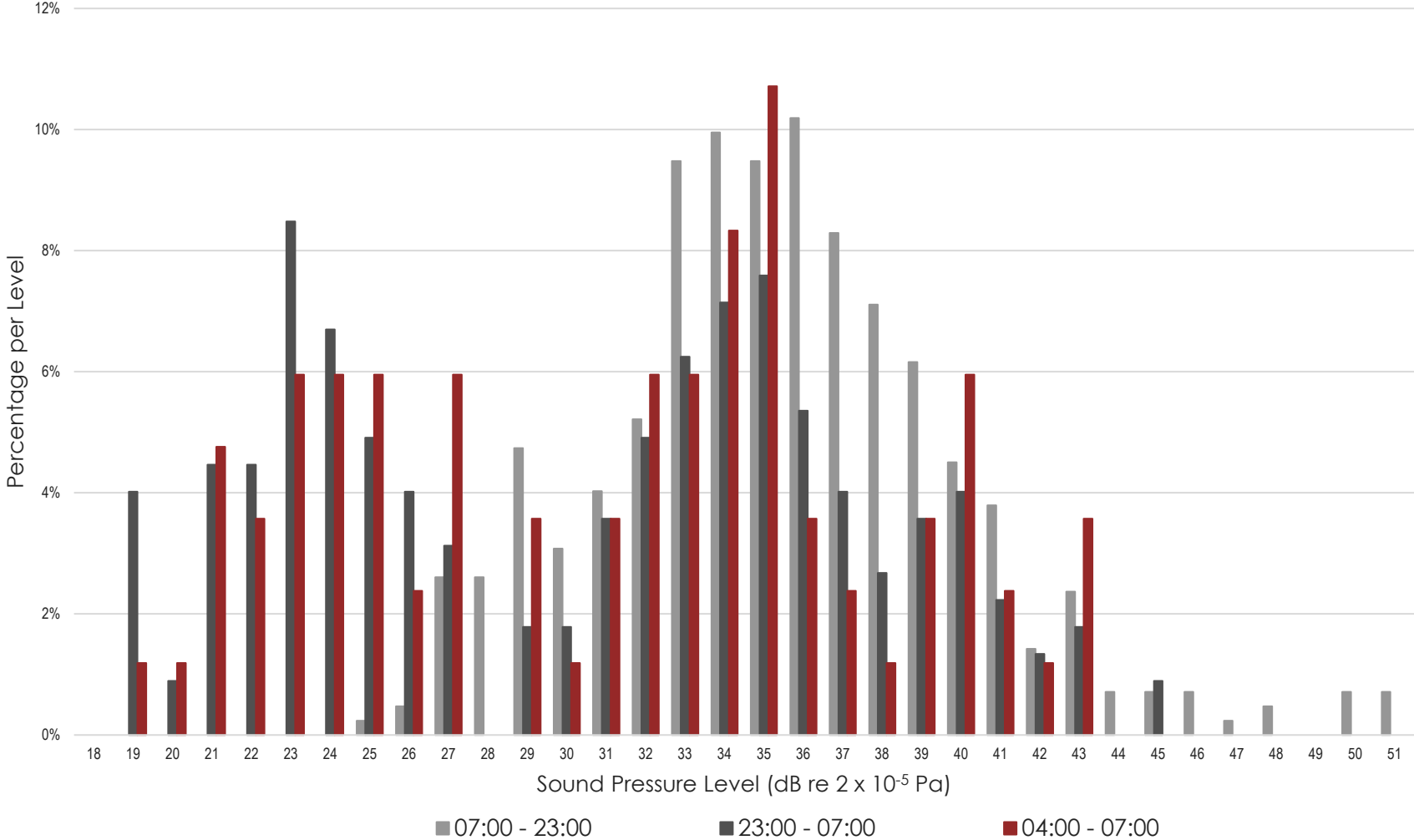
East Pye Solar
L_{A90,15 minutes} Histogram
MP6



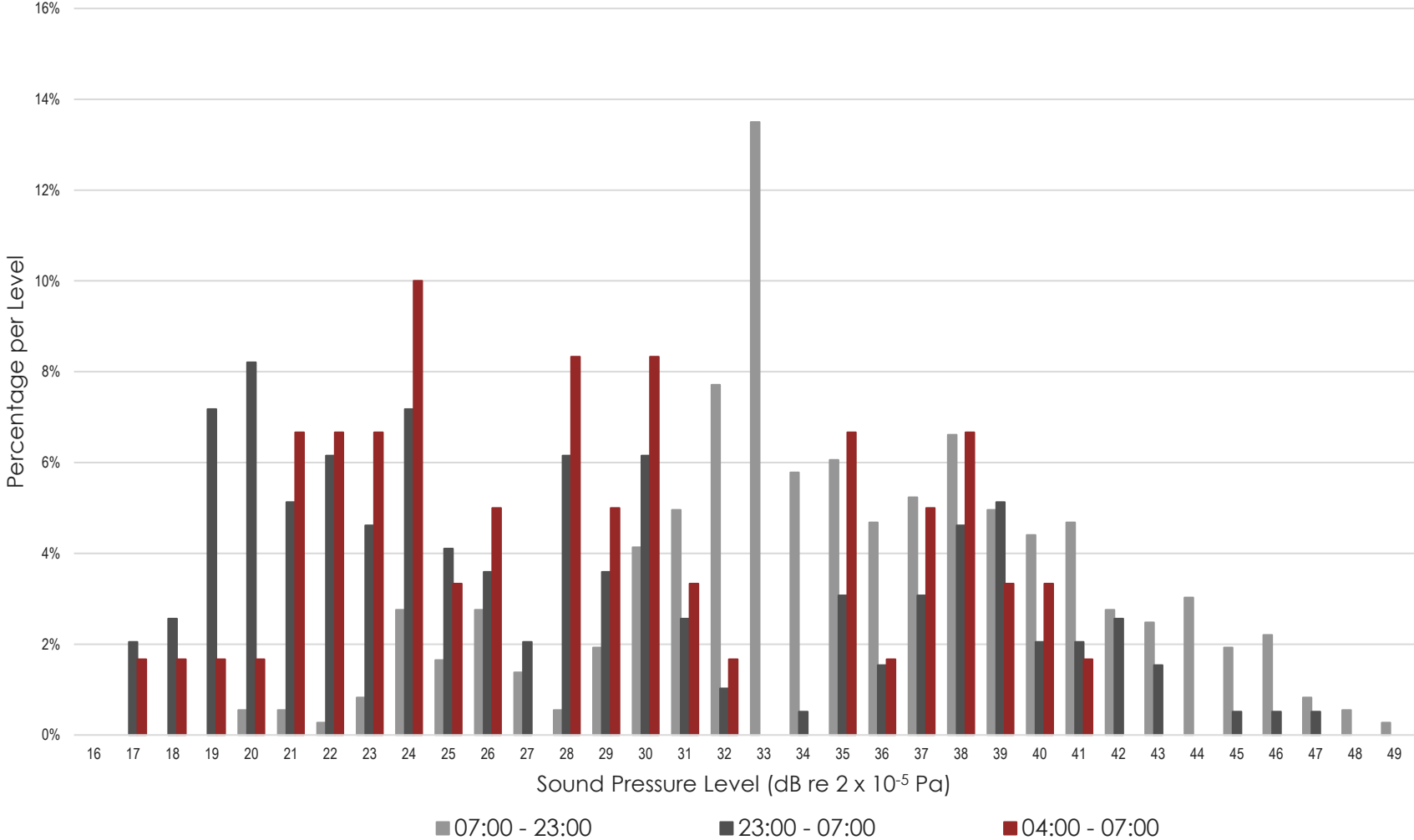
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP7



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP8



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP9

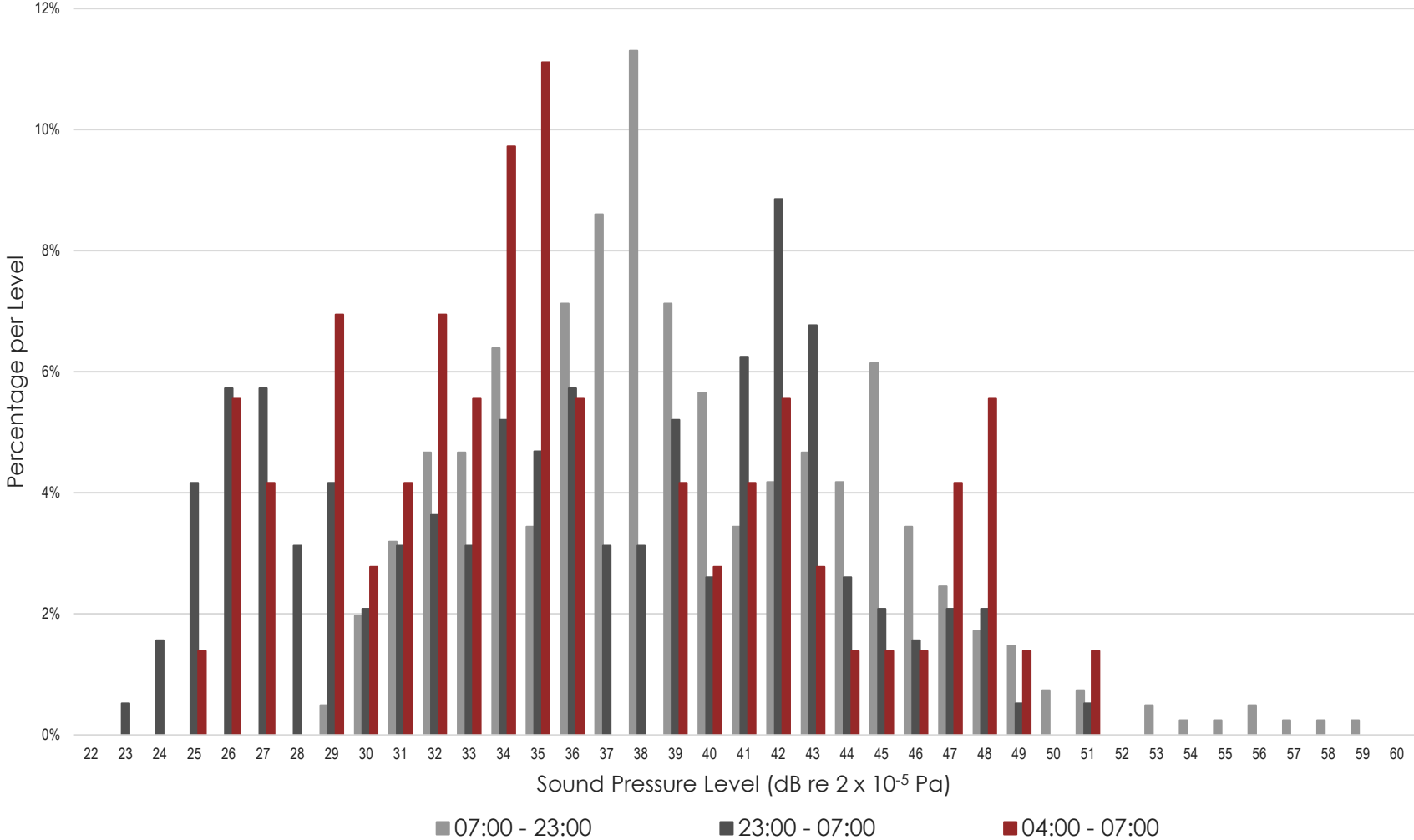


Appendix 12.1 Baseline Sound Survey Report

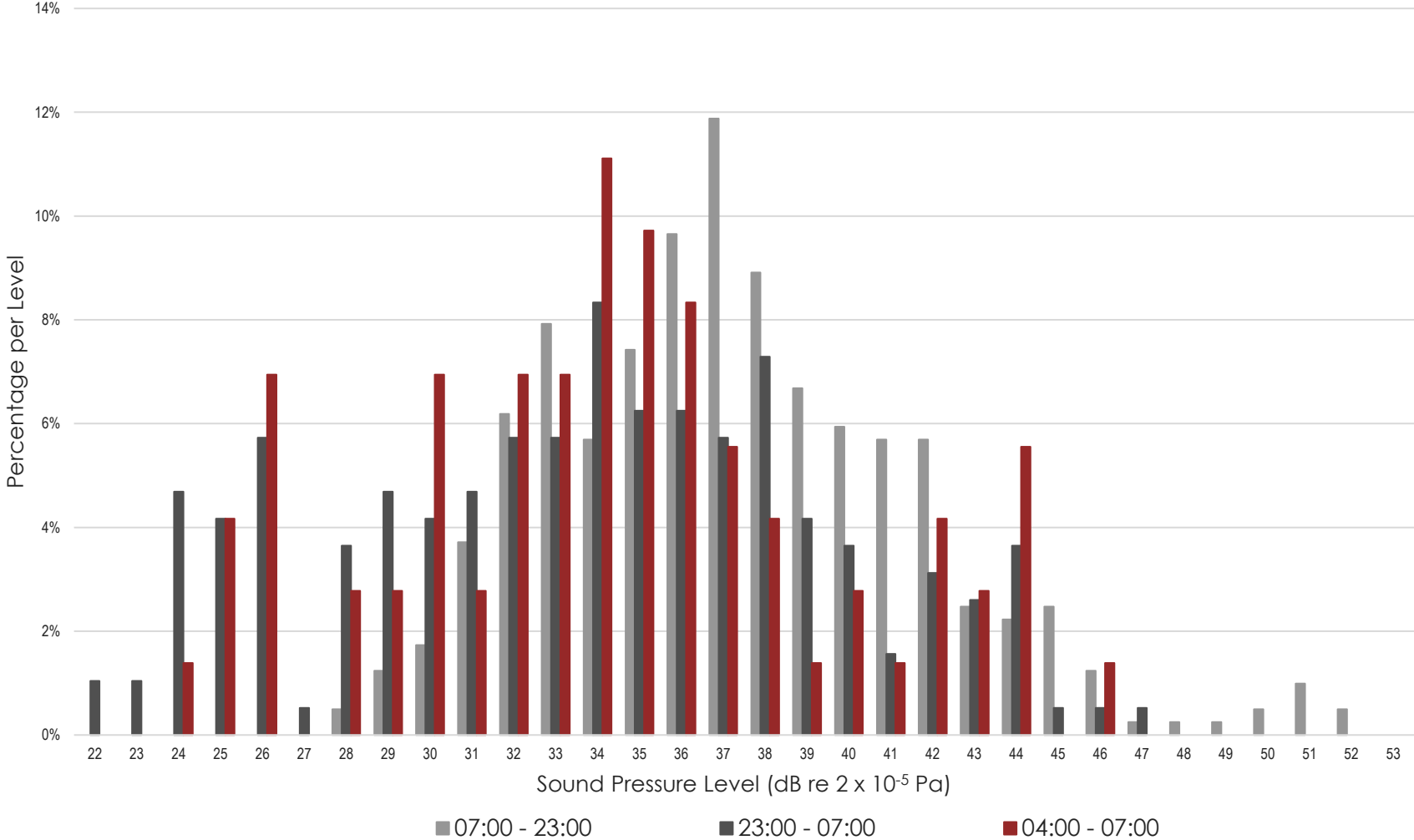
D.10 Parcel Group 10



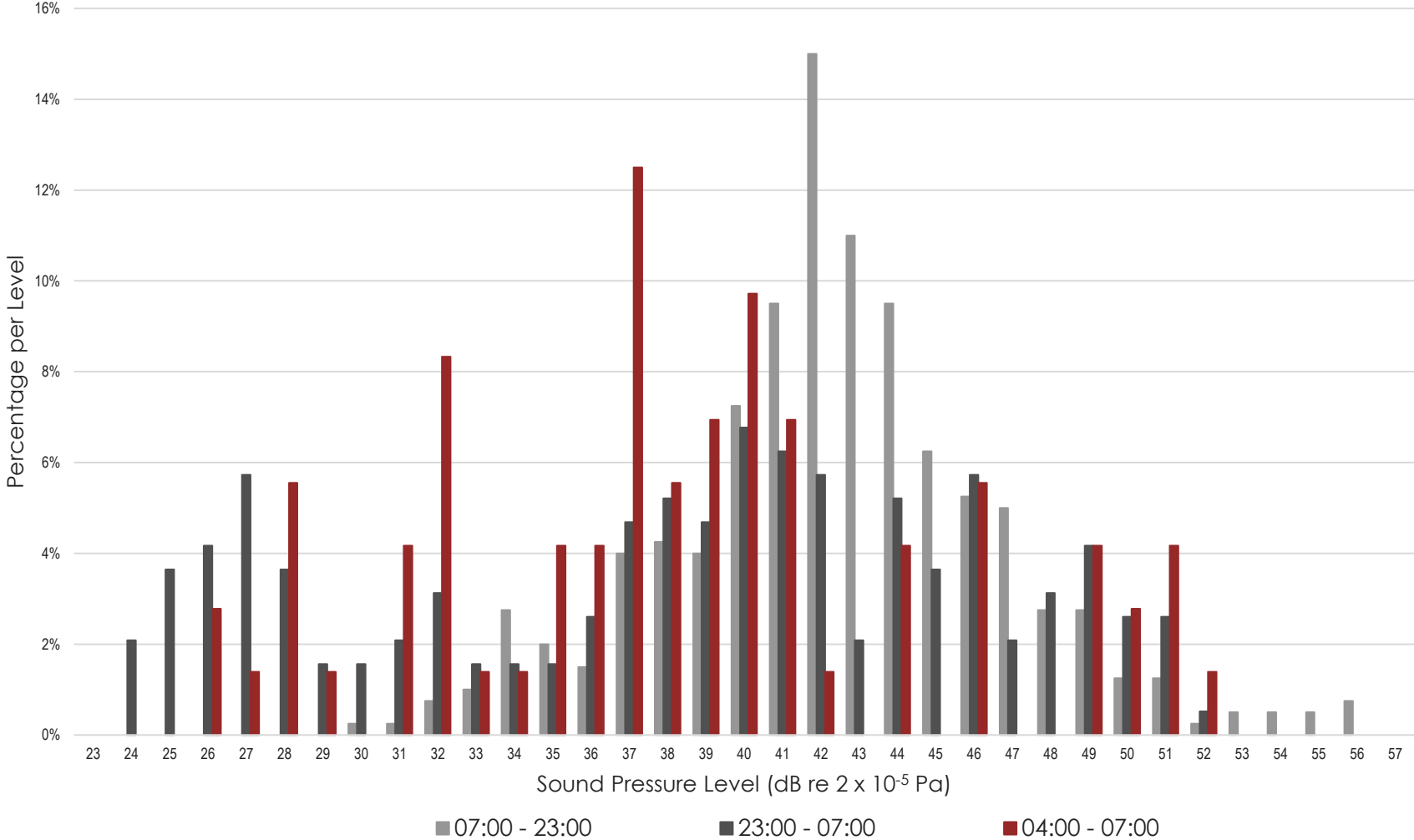
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP1



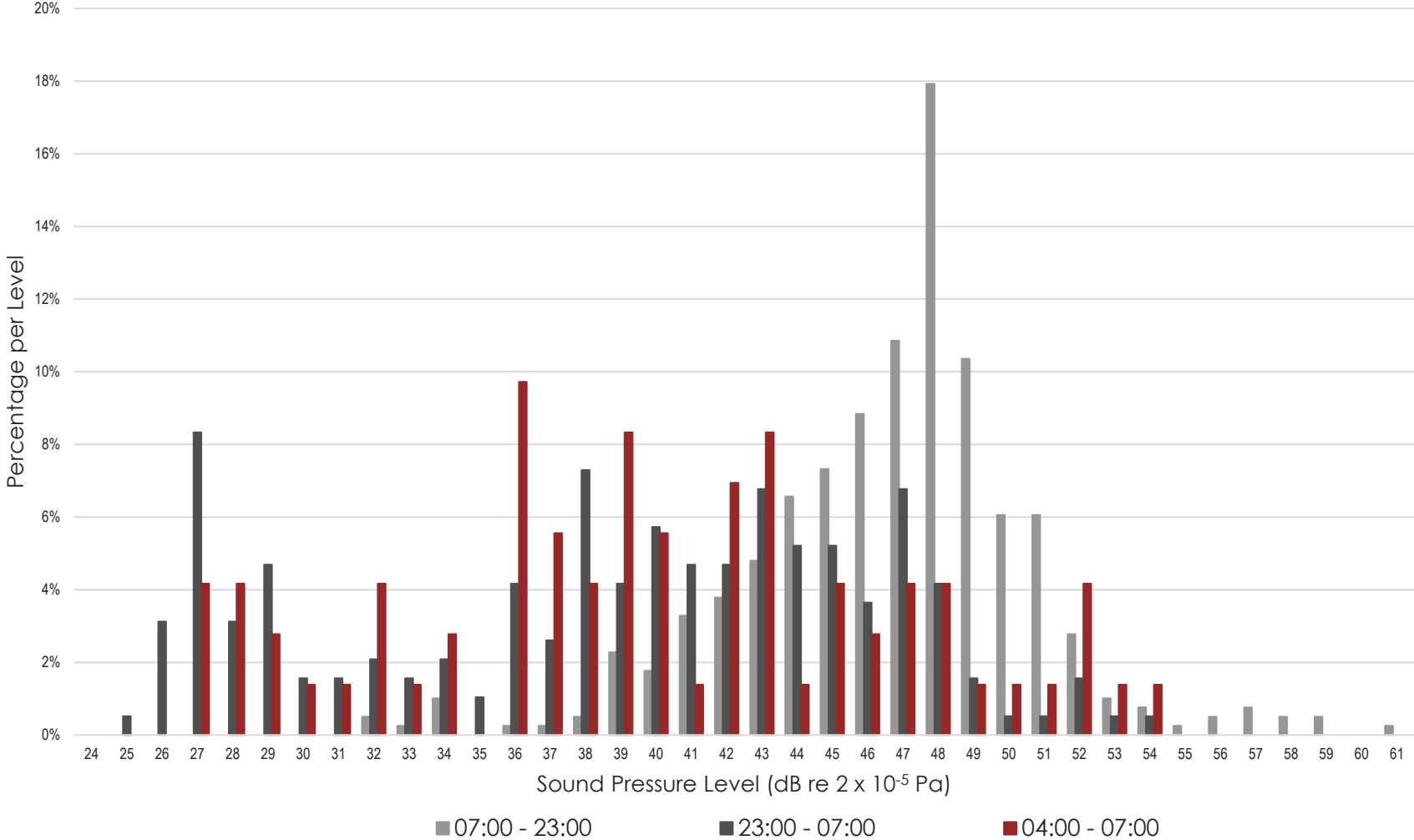
East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
MP2



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP3



East Pye Solar
L_{A90,15 minutes} Histogram
MP4



East Pye Solar
 $L_{A90,15 \text{ minutes}}$ Histogram
 MP5

