

Start Date & Time	LAeq	LASmin	LASmax	LAS 10%	LAS 50%	LAS 90%
05/20/2026 13:18	54.4	31.3	79.8	46.3	39.0	34.0
05/20/2026 14:18	47.0	32.3	72.7	45.8	40.6	36.7
05/20/2026 15:18	57.3	30.0	83.5	49.1	38.8	34.2
05/20/2026 16:18	41.8	31.5	56.4	44.8	39.5	35.4
05/20/2026 17:18	42.4	30.7	58.4	44.8	39.5	34.8
05/20/2026 18:18	51.8	31.4	76.8	53.3	43.4	36.3
05/20/2026 19:18	44.2	24.4	67.1	47.6	36.0	29.6
05/20/2026 20:18	34.2	21.9	47.3	36.9	30.7	27.2
05/20/2026 21:18	31.6	20.1	49.3	33.0	28.1	22.6
05/20/2026 22:18	33.1	19.2	55.4	28.4	23.0	20.4
05/20/2026 23:18	24.5	18.9	37.7	27.1	22.6	20.1
05/21/2026 00:18	23.3	18.1	31.6	25.8	22.2	20.2
05/21/2026 01:18	25.5	18.7	44.0	27.9	22.8	20.0
05/21/2026 02:18	24.7	18.2	44.2	25.5	21.5	<20.0
05/21/2026 03:18	30.5	22.0	42.7	33.1	28.4	25.7
05/21/2026 04:18	36.4	23.8	57.5	40.5	30.1	26.5
05/21/2026 05:18	42.5	27.9	65.4	44.4	36.2	31.6
05/21/2026 06:18	36.8	28.1	51.6	39.7	34.6	31.4
05/21/2026 07:18	39.0	28.9	54.6	41.4	36.0	32.2
05/21/2026 08:18	37.6	26.6	60.6	40.2	34.0	29.8
05/21/2026 09:18	42.3	26.6	66.9	40.8	34.1	30.7
05/21/2026 10:18	44.9	26.6	66.9	45.8	35.5	31.1
05/21/2026 11:18	36.7	27.5	54.4	39.2	35.0	30.9
05/21/2026 12:18	37.6	25.7	55.9	39.5	33.9	29.8

day 42.9  
night 30.8

Notes

Name	Result. PWL Day (dBA)	Evening (dBA)
srcBatt1NW	82.3	82.3
srcBatt2N	82.3	82.3
srcBatt3NE	82.3	82.3
srcBatt4SW	82.3	82.3
srcBatt5S	82.3	82.3
srcBatt6SE	82.3	82.3
srcTrans1W	74.4	74.4
srcTrans2E	74.4	74.4

Source	Type	Product Name
1	Battery Energy Storage System	Tesla Megpack 2XL 4H 5 Fan - FN03 Option
2	Battery Energy Storage System	Tesla Megpack 2XL 4H 5 Fan - FN03 Option
3	Battery Energy Storage System	Tesla Megpack 2XL 4H 5 Fan - FN03 Option
4	Battery Energy Storage System	Tesla Megpack 2XL 4H 5 Fan - FN03 Option
5	Battery Energy Storage System	Tesla Megpack 2XL 4H 5 Fan - FN03 Option
6	Battery Energy Storage System	Tesla Megpack 2XL 4H 5 Fan - FN03 Option
1	Medium Voltage Dry Type Transformer	Eaton LNY0027509-012
2	Medium Voltage Dry Type Transformer	Eaton LNY0027509-012

Night (dBA)	Lw / Li Type	Value	Direct.	Coordinates		
				X (ft)	Y (ft)	Z (ft)
	82.3 Lw	fourHpForty	fourHpForty	825347.8	944717.6	3.27
	82.3 Lw	fourHpForty	fourHpForty	825355.3	944717.6	3.27
	82.3 Lw	fourHpForty	fourHpForty	825373	944717.2	3.27
	82.3 Lw	fourHpForty	fourHpForty	825348.1	944667.7	3.27
	82.3 Lw	fourHpForty	fourHpForty	825354.9	944668	3.27
	82.3 Lw	fourHpForty	fourHpForty	825372.7	944668.3	3.27
	74.4 Lw	transformerEaton	transformerEaton	825351.5	944692.9	2.4
	74.4 Lw	transformerEaton	transformerEaton	825373.3	944692.8	2.4

Source of Data
from Megapack 2 XL Option code FN03 Sound Data Report 2025
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from Megapack 2 XL Option code FN03 Sound Data Report 2025
from Megapack 2 XL Option code FN03 Sound Data Report 2025
from Megapack 2 XL Option code FN03 Sound Data Report 2025
from Eaton 2025 Spec Sheet and GZA Measurements
from Eaton 2025 Spec Sheet and GZA Measurements

Name	Level Lr	
	Day (dBA)	Night (dBA)
rcv1resNW	27.4	27.4
rcv2resN	30.4	30.4
rcv3resNE	35.9	35.9
rcv4resE	31.7	31.7

Name	Level Lr	
	Day (dBA)	Night (dBA)
rcv1resNW	27.1	27.1
rcv2resN	30.3	30.3
rcv3resNE	33.9	33.9
rcv4resE	29.9	29.9

Name	Level Lr	
	Day (dBA)	Night (dBA)
rcv1resNW	39.6	39.6
rcv2resN	39.2	39.2
rcv3resNE	47.6	47.6
rcv4resE	43.3	43.3

Name	Level Lr	
	Day (dBA)	Night (dBA)
rcv1resNW	39.3	39.3
rcv2resN	39.0	39.0
rcv3resNE	44.8	44.8
rcv4resE	40.5	40.5

Overall Noise Modeling Results at Residential Façade (dB(A))

Receiver	Floor	40% Operation w/o Barrier
1: 340 Jerry Smith Road (Residential Façade)	GF	27.4
2: 339 Jerry Smith Road (Residential Façade)	2FI	30.4
3: 361 Jerry Smith Road (Residential Façade)	2FL	35.9
4: 383 Jerry Smith Road (Residential Façade)	2FI	31.7

Increase Over Nighttime Ambient at Property Line


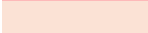
Receiver	Floor	40% Operation w/o Barrier
1: 340 Jerry Smith Road (Residential Façade)	GF	1.6
2: 339 Jerry Smith Road (Residential Façade)	2FI	2.8
3: 361 Jerry Smith Road (Residential Façade)	2FL	6.3
4: 383 Jerry Smith Road (Residential Façade)	2FI	3.5

40% Operation with Barrier	100% Operation w/o Barrier	100% Operation with Barrier
27.1	39.6	39.3
30.3	39.2	39.0
33.9	47.6	44.8
29.9	43.3	40.5

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40% Operation w/o Barrier	100% Operation w/o Barrier	100% Operation w/o Barrier
1.5	9.3	9.1
2.8	9.0	8.8
4.8	16.9	14.2
2.6	12.7	10.1

st case floor listed in this table, but we have other levels in cadnaA model

-  - noise code exceedance for possible realistic use case
-  - noise code exceedance for unrealistic use case