On Air Engineering, LLC
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November 25, 2025

Honorable Mayor Lance N. Millman and
Members of the Village Board
Village of Montebello
One Montebello Road
Montebello, NY 10901

Re: Homeland Towers, LLC
350 Haverstraw Road, Village of Montebello, NY
Acoustic Noise

Dear Honorable Mayor Millman and Members of the Village Board:

As part of the proposed telecommunications facility installation, Verizon will install (2) equipment cabinets, (1) battery cabinet and a standby generator on their concrete pad within the fenced compound.

Specifications indicate an acoustic noise level of 60d dB(A) for each cabinet. Running simultaneously, the level would be 65dB(A) at the cabinets and represents typical conditions, without the generator running.

Using the "inverse square" method, approximate noise levels at the property lines are as follows (these levels do not consider fencing, tree screening and topography):

Property Line	Distance	Noise Level
North (adjacent residential lot)	88 ft.	35.7 dBA
East (Rt. 202)	345 ft.	23.8 dBA
South (adjacent residential lot)	67 ft.	38.0 dBA
West (Gas R.O.W.)	50 ft.	40.6 dBA

Levels at the residential property lines are similar to a household computer or refrigerator (see attached).

With Verizon's generator running at full-load (during a power outage), the approximate noise level at the nearest residential property line is 63 dBA. Under "no-load" conditions, when the generator is exercising (typically 20-30 minutes weekly, weekdays only, after 10am and before 3pm) levels would be 57.8 dBA.

Based on the above, Verizon's proposed equipment will not create any "unreasonable noise" as defined by the Village code. Should you have any questions, please feel free to contact our office.

Very truly yours,

David A. Weinpahl, P.E.
NY License No. 078901
Managing Partner
On Air Engineering, LLC

DW:dw
enclosure

Typical Noise Levels

Take a look at the noise levels of many common appliances and events around the house. You might be surprised. All sounds are measured at the distance that a person would typically be from the source.

Device	dBA
Grand Canyon at Night (no roads, birds, wind)	10
Quiet basement w/o mechanical equipment	20
Quiet Room	28-33
Computer	37-45
Refrigerator	40-43
Typical Living Room	40
Forced Hot Air Heating System	42-52
Radio Playing in Background	45-50
Background Music	50
Bathroom Exhaust Fan	54-55
Microwave	55-59
Normal Conversation	55-65
Clothes Dryer	56-58
Printer	58-65
Window Fan on High	60-66
Alarm Clock	60-80
Dishwasher	63-66
Clothes Washer	65-70
Phone	66-75
Push Reel Mower	68-72
Inside Car, Windows Closed, 30 MPH	68-73
Handheld Electronic Games	68-76
Kitchen Exhaust Fan, High	69-71
Inside Car, Windows Open, 30 MPH	72-76
Garbage Disposal	76-83
Air Popcorn Popper	78-85
Hairdryer	80-95
Electric Can Opener	81-83
Vacuum Cleaner	84-89
Coffee Grinder	84-95
Handheld Electric Mixer	86-91
Lawn Mower	88-94
Air Compressor	90-93
1/4" Drill	92-95
Food Processor	93-100
Weed Whacker	94-96
Leaf Blower	95-105
Circular Saw	100-104
Maximum Output of Stereo	100-110

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CMC74-36EE Equipment Cabinet

Rack Type	19-inch and 23-inch EIA
Rack Units (RU)	Total capacity: 49RU (Horizontal 40RU +Vertical 9RU) Power System | Fiber Slack Tray 1 | Other Customer installed Equipment
Battery Type	3 strings of VRLA batteries from Multiple OEM

Electrical Specifications

Power System	Universally supports multiple -48VDC OEM Power Plants and Distribution
GFCI Outlet	20AMP, 125Volt Receptable/Outlet, Compliant with UL943 Self-Test Requirement
Input Power Supply	Big Range of AC Input Voltage95-305Vac, Support Variations of +/-10%
Alarms and Sensors	66-block, Bridged, 25PR*2 or standard and user defined alarms HVAC alarms (including high temperature, Failure) | Door open (both front and side doors) | Rectifier Failure | AC Power Failure | Overheat
Battery Compartment	2 battery shelves that can house up to 3 strings of -48V batteries

Connectivity Specifications

Fiber Slack Tray	Universally supports multiple OEM 19" mounted fiber tray

Mechanical Specifications

Mounting	Mounts directly to concrete block (to be prepared on site) or alternative Plinth

Environmental Specifications

Operating Temperature	-40 °F to 115 °F (-40 °C to 46 °C) continuous operation
Storage Temperature	-40 °F to 158 °F (-40 °C to 70 °C)
Humidity	0 to 95%, non-condensing
Acoustic Noise	60dBA
Qualification Standards	GR487 | Seismic Zone 4 compliant | IP55
Classification	Designed, manufactured and/or distributed under this quality management system
Agency	ISO 9001:2015

ISO 9001:2015

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CMC74-36B Battery Cabinet, VRLA

Electrical Specifications

GFCI Outlet	20AMP, 125Volt Receptable/Outlet, Compliant with UL943 Self-Test Requirement
Input Power Supply	Big Range of AC Input Voltage95-305Vac, Support Variations of +/-10%
Alarms and Sensors	S2 module, 20P or standard and user defined alarms | HVAC alarms (including high temperature, Failure) | Door open (both front and side doors) | Rectifier Failure | AC Power Failure | Overheat
Battery Compartment	6 strings of -48V VRLA batteries from multiple OEMs (Batteries not supplied by ANDREW)

Mechanical Specifications

Mounting	Mounts directly to concrete block (to be prepared on site) or alternative Plinth

Environmental Specifications

Operating Temperature	-40 °F to 115 °F (-40 °C to 46 °C) continuous operation
Storage Temperature	-40 °F to 158 °F (-40 °C to 70 °C)
Humidity	0 to 95%, non-condensing
Acoustic Noise	60dBA
Qualification Standards	GR487 | Seismic Zone 4 compliant | IP55 ETL4007237 Certification, Confirms To ANSI/UL STD 62638-1, UL SUB 1801
Classification	Designed, manufactured and/or distributed under this quality management system
Agency	ISO 9001:2015

ISO 9001:2015

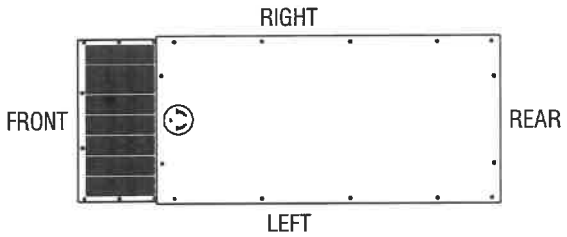
LEVEL 2 SOUND ATTENUATED ENCLOSURE
D3.3 Generac, SD050

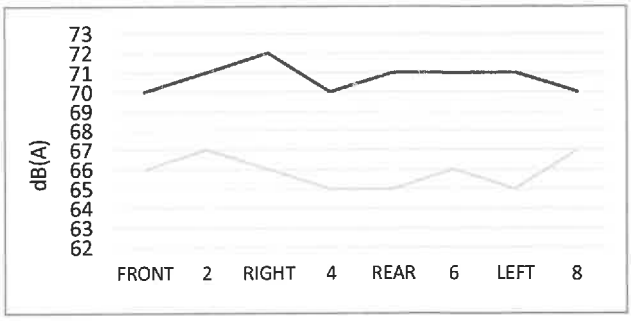
60Hz NO-LOAD, dB(A) — DISTANCE: 7 METERS

MICROPHONE LOCATION	OCTAVE BAND CENTER FREQUENCY (Hz)									
	31.5	63	125	250	500	1,000	2,000	4,000	8,000	dB(A)
FRONT	30	55	55	58	63	59	57	54	43	**66**
2	29	55	52	60	61	62	55	56	46	**67**
RIGHT	32	56	53	55	63	58	56	60	47	**66**
4	32	56	51	57	60	61	54	51	44	**65**
REAR	31	58	53	56	59	61	53	49	41	**65**
6	31	57	50	62	60	60	55	54	45	**66**
LEFT	30	54	51	59	58	58	56	58	45	**65**
8	28	52	53	58	61	64	54	54	44	**67**
AVERAGE	**30**	**55**	**53**	**58**	**61**	**61**	**55**	**54**	**44**	**66**

60Hz FULL-LOAD, dB(A) — DISTANCE: 7 METERS

MICROPHONE LOCATION	OCTAVE BAND CENTER FREQUENCY (Hz)									
	31.5	63	125	250	500	1,000	2,000	4,000	8,000	dB(A)
FRONT	29	62	67	61	62	59	57	55	51	**70**
2	28	63	65	60	63	63	60	63	61	**71**
RIGHT	29	66	65	57	64	60	61	65	64	**72**
4	30	66	64	59	61	62	58	57	57	**70**
REAR	29	68	64	61	61	61	56	53	50	**71**
6	29	67	61	64	62	62	59	60	56	**71**
LEFT	29	66	62	62	61	60	60	63	58	**71**
8	28	61	64	60	63	65	60	59	56	**70**
AVERAGE	**29**	**65**	**64**	**60**	**62**	**61**	**59**	**59**	**57**	**71**





- All positions at 23 feet (7 meters) from side faces of generator set.
- Test conducted on a 100 foot diameter asphalt surface.
- Sound pressure levels are subject to instrumentation, installation and testing conditions.
- Sound levels are ±2 dB(A).

Part No. A0001193924
Rev. A 12/12/20