

which have a quoted sound pressure level (SPL) of 75 dB(A) at 6 metres from source. The standard containers are understood to provide 30 dB of attenuation, giving an in-situ SPL of 45 dB(A) for the inverter units.

The proposed compound will house eight battery containers and sixteen inverter containers. Under the current layout, the inverter containers are closer to Hopewell Street, but predominantly screened by battery containers, whilst Ashleigh Vale is further from the inverter containers.

Based on standard acoustic theory and the relative locations of the inverter containers and NSRs, the noise emission level of the compound has been calculated at 23 dB $L_{Aeq,T}$ at NSR1 and 28 dB $L_{Aeq,T}$ at NSR2.

On this basis, the noise emission level of the compound is 14 dB lower than the measured night time background noise level at NSR1 and 9 dB lower than the measured night time background noise level at NSR2. As such, no impact on residential amenity with respect to noise is anticipated.

Regards,

A handwritten signature in black ink, appearing to read 'RPennell', is positioned below the 'Regards,' text.

Richard Pennell
For Environmental Noise Solutions Limited