

Anorra™ - Not Your Average Turbine

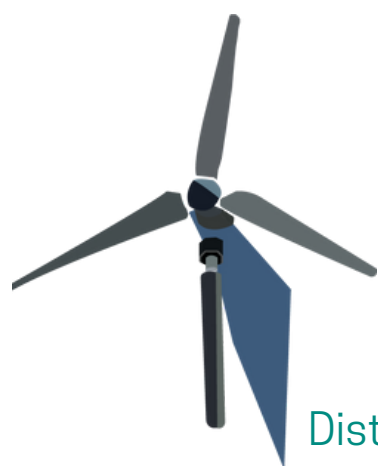
Why Are Turbines Noisy? and Anorra vs. Day-to-Day Sounds

There are two main sources of noise from the Anorra™ Turbine:

- the drivetrain
- the blades

For your peace of mind, Borrum Energy Solutions™ has designed the Anorra to minimize the noise produced by these sources.

Noise levels for a 66ft Tower



Distance

Windspeed @ 22 km/hr

Wind Speed

Sound Level @ 66ft from Tower Base(dBA)

18 km/hr or 5 m/s

56

22km/hr or 6 m/s

61



100ft

200ft

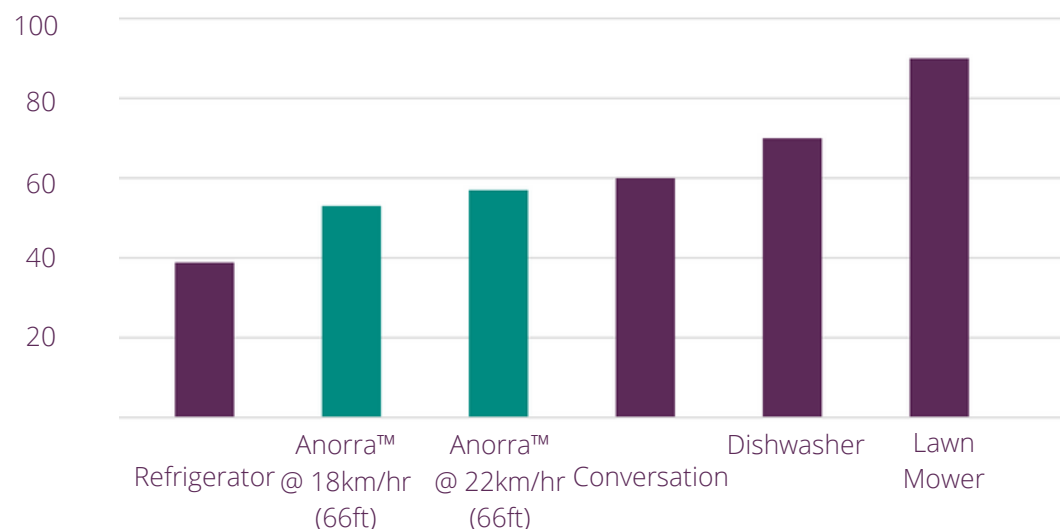
54 dBA

50 dBA

The noise levels decrease dramatically as you move further from the base of the tower.

Noise Comparison

Sound Levels of Common Noises (dBA)



Even at a close distance, **Anorra™ is quieter than a dishwasher or a friendly conversation.**

Sources:

The Quieter Future of Wind Power. (2019, August 07). Retrieved August 10, 2020, from <https://www.lord.com/blog/industrial/the-quieter-future-of-wind-power>
 Hansen, C., & Hansen, K. (2020). Recent Advances in Wind Turbine Noise Research. MDPI.

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