James Direct Testimony, Exhibit 6 Baseline micro-barometer test results for side-by-side validation testing overnight in the dining/kitchen area of Home 3 (R1 from Shirley Wind Study) This test period was sampled in parallel using the GRAS 40AZ microphones with the Apollo/Samurai Sound Analysis System Sample starts at 8:55pm Friday night, July 11, 2014 with all willu turbines off. The spectrogram shows the start period on the left edge. Spectrum Plot Top: 70.00 

Plot Range: 40.0 

Peak Hold: Forever ▼ SpectraPLUS-SC Professional Sound Card Edition [I:\ S+ File Edit Mode Options Plot Utilities Config License Window He 60.0 Avg Off 0.000 4 ► 15:45:23.19 55.0 Plot Top 70.0 Plot Range: 50.0 50.0 40.0 35.0 10.00 8.00 No Tones-Wind Turbines off 6.00 60.0 No Tones-Wind Turbines off 5.00 BPF Tones and harmonics during the night indicate that wind turbines are operating until here. 4.00 55.0 3.00 Harmonic Harmonic 2.00 50.0 Harmonic Harmonic Naturally occurring 1.00 background infrasound Wind Turbine Blade Pass Tone at 0.7 Hz Blade during periods when Pass 40.0 Freq. wind turbines not 0.7 to operating 0.75 Hz 35.0 30.0 25.0 74.920 Time progresses to the right 15:41:06.160 Time (sec) (1 sec/div) Stopped Post Process 16 Bit Mono FFT 16384 pts End of Test Sat. July 12, 2014 The tones from some of the wind turbines deviate from the Start of test in R2 Main Floor dining area 0.7 Hz Blade pass frequency indicating that winds or operational at 12:25pm CDT Fri. July 11, 2014 at 8:55 pm Turbines were off changes have altered the rotation speed of some turbines. Wind turbines were off, but turned on Next two pages present results of side-by-side tests conducted to validate micro shortly after test started. Copyright 2015, E-Coustic Solutions, LLC barometer reading with acoustic microphone measurements Page 1 EXHIBIT using GRAS 40AZ microphone and Apollo/Samurai hardware/software.

Int. I-1(f)

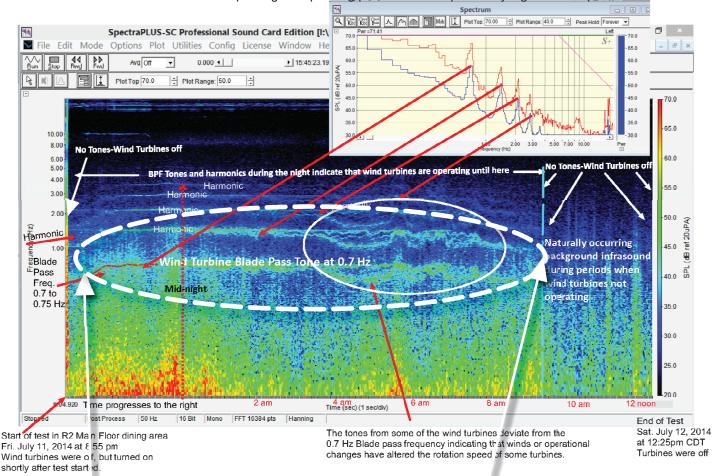
and on the bottom the microbarometer test for Home #3 (R3) spanning the entire test period. Spectrogram of period during ramp up of wind turbine blade rpm. Tonal characteristics become clearer toward the last third of the test as the microbarometer test shows the wind turbines reaching uniform operating speed. Note: Red on these spectrograms represents sound pressure levels from 50 to 65 dB SPL. This is equivalent to the green through yellow colors for the same range of SPL on the micro barometer spectrogram. Spectrogram of period during stable operation at 2am of wind turbines shows tones at BPF and at harmonic frequencies corresponding to the SPL of the tones seen in the micro barometer test below. Spectrogram of period when wind turbines are not in operation (here we see Sat. morning at 9-10am) shows no tones at the BPF or harmonic frequencies. 5.00 s and harmonics during the night indicate that wind turbines are operating until here 4.00 3.00 2.00 50.0 Harmonic Naturally occurring 1.00 45.0 background infrasound Blade /ind Turbine Blade Pass To e at 0.7 Hz during periods when Pass 40.0 wind turbines not Frea. Mid-night 0.7 to operating 0.75 Hz 35.0 30.0 25.0 8 am 4.920 Time progresses to the right 4 am Time (sec) (1 sec/div) Post Process 50 Hz 16 Bit Mono FFT 16384 pts Hanning End of Test Sat. July 12, 2014 The tones from some of the wind turbines deviate from the Start of test in R2 Main Floor dining area at 12:25pm CDT 0.7 Hz Blade pass frequency indicating that winds or operational Fri. July 11, 2014 at 8:55 pm Turbines were off changes have altered the rotation speed of some turbines Wind turbines were off, but turned on shortly after test started. Comparison of micro-barometer (bottom) tests overnight inside

Results of Side-By-Side Validation Tests showing (on top) one (1) hour spectrograms from GRAS/Apollo/Samurai microphone tests

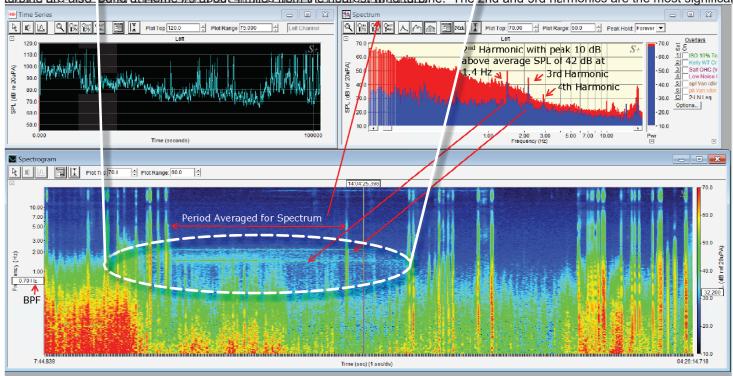
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Page 2

Home 3 (R1) to microphone



Home #9 (22,1)00 ft. from nearest wind turbine) Baseline micro-barometer spectrogram. Test starts at 3:22pm on Friday, July 11, 2014 and ends 33 hours later spanning about double the time as the test at Home #3. Thus, scale is different from the one at Home #3 above. When adjusted for time scale the tones found at Ho ne #3, 3300 feet from the nearest wind turbine are also ound at Home #9 about 4 miles from the nearest wind turbine. The 2nd and 3rd harmonics are the most significant.



Copyrigh இரு Parison of Lenicro barometer test at Home 9, 4+ miles from wind turbines at Taken concurrent with side-by-side tests inside Home #3 above..