# **Appendix A: Waveforms and Spectra**

## Site A: Ginger Thompson's









**Neutral-Earth Voltage** – <u>Power OFF</u> – Note  $3^{rd}$ ,  $7^{th}$ ,  $9^{th}$ ,  $11^{th}$ ,  $13^{th}$ ,  $15^{th}$ , and  $17^{th}$  Harmonics, and note the presence of new harmonics and absence of the  $5^{th}$  harmonic (300 Hz) which was present with power on



*Neutral-Earth Voltage* – <u>*Power OFF*</u> – *Note instantaneous size changes from previous capture* 

#### Site B: Rowena Elliott's









Power Frequency Harmonics, in *N-E Voltage* with power OFF. Note 3<sup>rd</sup>, a faint 5<sup>th</sup>, 7<sup>th</sup>, 9<sup>th</sup>, 11<sup>th</sup>, 13<sup>th</sup>, 15<sup>th</sup>, and 17<sup>th</sup> Harmonics, but also note that other peaks are not harmonics and constitute electrical noise, or Electromagnetic Interference (EMI)

#### Site C: Kumeyaay Wind Substation



#### Site D: Home owner name withheld by request







### Site E: David Elliott, Jr.'s







### Site F: Home owner name withheld by request





#### Site G: Lance Conway's





### Site H: By Turbine





#### Site I: SDG & E Boulevard Substation



### Site J: Jim Pelley's







## Site K: Parke Ewing's



