

Fox Islands Electric Cooperative, Inc.

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Neighbor Sound Data Logging Instructions

The Fox Islands Electric Coop is gathering data and information to attempt to identify the sources of most loud and annoying turbine sounds, so that possible mitigation options can be identified and explored potentially. General Electric, and a number of the U.S. Department of Energy Laboratories have agreed to help analyze the data we collect. Data collection at different locations within earshot of the turbines is of great importance in trying to identify these sources. Please help us by keeping a log of how the sound from the turbines is received on your property.

- **When to log:** Logging as often as possible is helpful, **but more important is to log during the three specified periods (morning, mid-day and evening) on a daily basis as is possible.** Please log even if you cannot hear the turbines. Having good data on when the turbines are not audible is as important as knowing when they are. **Also, if the turbines are particularly noteworthy (e.g., loud, annoying, masked by wind) log at others times, and make sure to note the time.**
- **Date and time:** it is crucial that you correctly note the day and date that you are logging for. Filling out the log and not specifying the date and exact time will make the data useless.
- **Wind sound level, turbine sound level, and turbine sound annoyance level:** **These three 1 to 5 scales will provide the essential information to identify periods when the turbines are most loud and annoying.** Please mark one for each scale for each log entry.
- **Location:** Note where on your property you made your observation. **Please use the same location for the whole day.** If you would like to log for different locations use multiple log sheets. If your location is not identified in the list, add it using "Other: _____"
- **Turbine Sound Description/Comments:** **Please mark as many as descriptors as are appropriate for EACH log entry when the turbines are audible - "n/a" otherwise. These descriptors will allow better identification the sound sources at the turbine.** If you want to add an additional descriptor, please do so using "Other:_____". If you have additional comments and/or descriptors add them to the back of that day's log sheet and note the date and time they apply to. Please make these comments as simple and understandable as is possible.
- **Independence:** **It is extremely important that you do not discuss your ratings with others also participating in the test.** Your ratings - because they are based on the unique characteristics of your home, the sound near your home, the topography and ground cover, your perceptions, and where you are when you fill out the log - should be independent. A lack of independence between two sets of ratings, for example, will make both useless for the purposes of the experiment.
- **Additional log sheets** are available via Karol (863-2053 email: karolkucinski@gmail.com) and at the Coop offices. Contact Karol immediately if you run out he can email them to you or bring them by.
- **Collection:** Please keep the logs in a safe place. They will be collected regularly by Karol. He will arrange a time to meet you to pick them up.