

Wind Project Profile Form (Novice)

Team Name: _____ School Name: _____

This document is meant to help guide your design process and provide documentation to the judges about your wind turbine. You should present this document to the judges at your KidWind Challenge event.

1. a. We are using a KidWind Generator
- b. We are using a premade, non-KidWind generator.

Brand/Model/Where you got it:

- c. We made our own generator.

Describe the design/construction:

2. Does your turbine fit in the 4'x4' wind tunnel?

Yes No

3. Do you have wires at the bottom of the wind turbine?

Yes No

4. Are your wires labeled + and - ?

Yes No

5. Do you have a gearbox?

Yes No

- a. If so, what is your gear ratio?

6. What was your maximum voltage output?

7. If your turbine was under a load at the time of testing the voltage, describe the load.

8. How many blades?

9. What materials are the blades made from?

10. What was the optimal pitch of your blades?

Don't forget to bring the following items to the Challenge:

- Your wind turbine
- This form!
- Any notebooks, drawings, videos that you kept while building your structure
- Wiring Drawing that details your circuit