

Solar 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 solar device. You should present this document to the judges at your KidWind Challenge event.

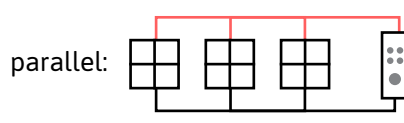
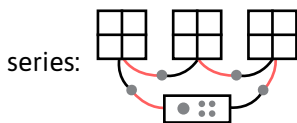
1. Does your device fit in the 1m square cube?

☐ Yes ☐ No

2. Number of Solar Panels: _____

3. What is the rated size and output of each solar panel? _____

4. Are your panels wired in **series or **parallel**?** (circle one)



5. Are your panels attached to your device or are they in a separate bank?
(circle one)

6. Can your panels move to track the sun if needed?

☐ Yes ☐ No

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

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

Loads

Describe all your loads.

Load	How Many?

1. Which loads use the most power?

2. Which loads use the least power?

3. Describe any switches you have integrated into your device.



Don't forget to prepare a wiring diagram. You can do this by completing the diagram template found in the Rulebook Appendix.