



**Return by mail to:**

Ag Energy Co-operative  
45 Speedvale Avenue East  
Guelph, ON N1H 1J2

**GROUND-MOUNTED SELF-ASSESSMENT FORM**

Listed below are a number of questions and criteria related to “critical aspects” of typical solar photovoltaic (PV) projects.

The intent is to give you an opportunity to perform guided “Self-Assessments” to help identify potential projects.

1. What is the area of land available for the solar PV installation (1,500 ft<sup>2</sup> minimum) \_\_\_\_\_ft<sup>2</sup>
2. What is the shape of the available area for solar PV installation (ideally 65’ x 23’ rectangle)

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3. If the ground is sloped, which direction is it sloping towards?

- |  |                                    |
|--|------------------------------------|
| <input type="checkbox"/> South (preferred) | <input type="checkbox"/> Northwest |
| <input type="checkbox"/> North             | <input type="checkbox"/> Southeast |
| <input type="checkbox"/> East              | <input type="checkbox"/> Northeast |
| <input type="checkbox"/> West              | <input type="checkbox"/> Southwest |

4. Does the area get unobstructed sunlight all day? \_\_\_\_\_

5. Does shading vary by time of year? \_\_\_\_\_

6. What, if anything, is creating a shadow over the proposed area?(buildings, trees, overhead wires, etc.)

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7. Is there heavy bird traffic in your area that could lead to soiling of panels? \_\_\_\_\_

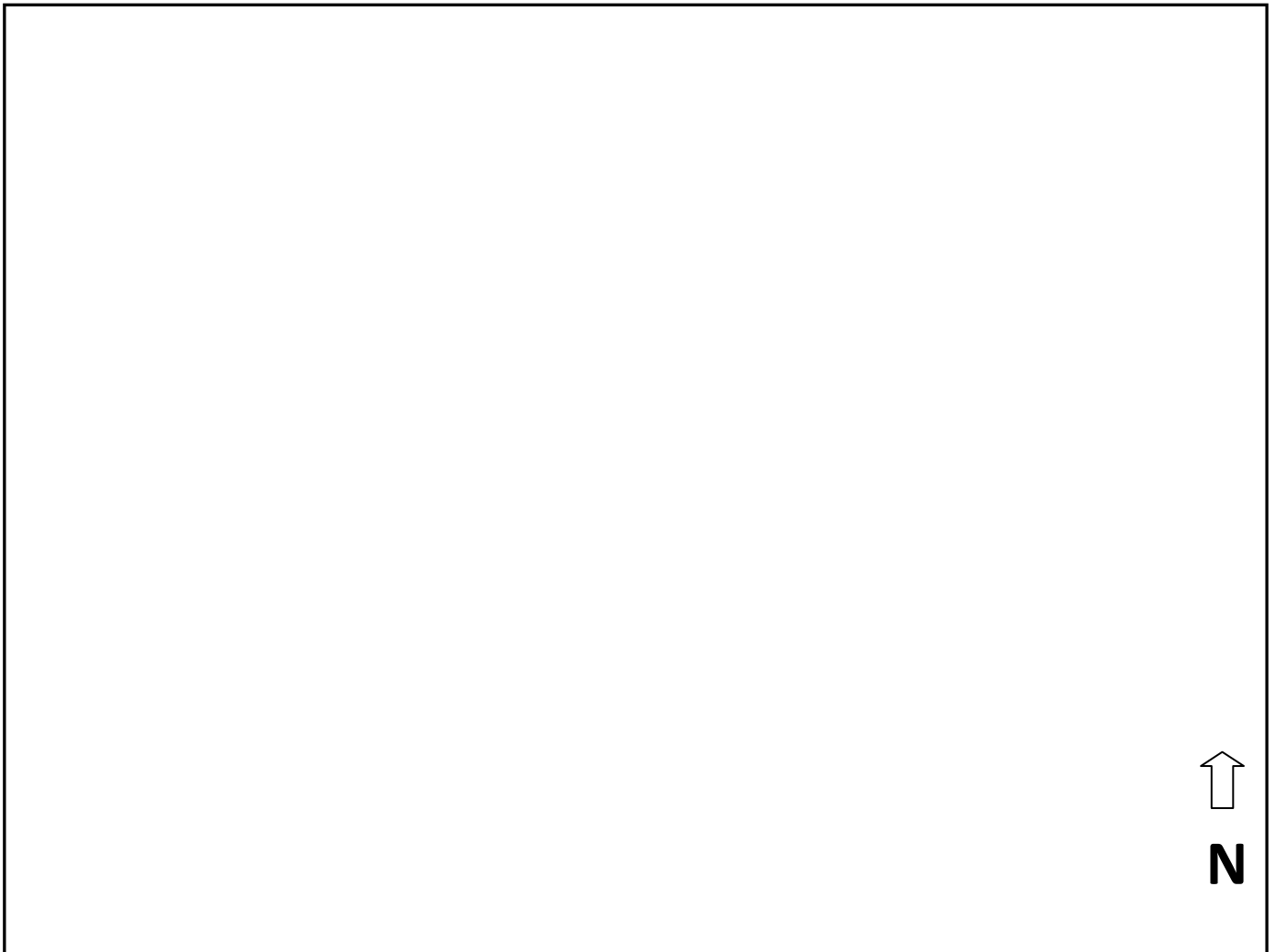
8. Please indicate any environmental issues regarding the proposed site such as heavy dust from fields, downwind from smokestacks or any stack that deposits dust of any kind.


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9. How many meters are on the property? \_\_\_\_\_
10. What is the voltage of the line that each meter is connected to? \_\_\_\_\_
11. Is your power single or three-phase? \_\_\_\_\_
12. Is there a generator connected to the system, or any other power backup device? \_\_\_\_\_
13. Is there any internet connection? \_\_\_\_\_ What type? \_\_\_\_\_
14. What is the name of your local distribution company (hydro utility)? \_\_\_\_\_

15. Please provide a detailed sketch of the area including the following details:

- Nearby buildings, trees, electrical lines, telephone lines
- Connection point to electrical system
- Location of local distribution meter
- Approximate distances and heights of objects
- Any other specific details that are relevant.



  
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