



Return by mail to:

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

ROOF-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 make and model of the building (and roof if different) and who is the manufacturer?

2. Who constructed the building? _____
3. Are the engineering drawings available? _____ If yes, please provide.
4. What is the rooftop area available? _____ft² Please show on drawing below.
5. What type of material is the roof made of? Please include pictures. _____

6. Is the roof flat or sloped? _____ If sloped, at what angle? _____
7. Is the roof clear of attachments (i.e. stacks, air handling units, etc.) _____ If no, include locations in diagram.
8. What is the roof’s spacing between rafters? _____
9. Are there any pre-existing issues with the roof or structure of the building? (i.e. leaks, damaged trusses, etc.) _____

10. What is the age of the roof? _____
11. Estimated number of years until replacement is required? _____
12. Are there any plans to remove the building within the next 20 years? _____

13. What direction does the roof face?

South (preferred)

Northwest

North

Southeast

East

Northeast

West

Southwest

14. Does the area get unobstructed sunlight all day? _____

15. Does shading vary by time of year? _____

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

17. Is there heavy bird traffic in your area that could lead to soiling of panels? _____

18. 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.

19. How many meters are on the property? _____

20. What is the voltage of the line that each meter is connected to? _____

21. Is your power single or three-phase? _____

22. Is there a generator connected to the system, or any other power backup device? _____

23. Is there any internet connection? _____ What type? _____

24. What is the name of your local distribution company (hydro utility)? _____

25. 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.

