



Solar Energy Systems

7401 Meyer Road
Spring Grove, IL 60081
815-675-2121
info@springgrovevillage.com
www.springgrovevillage.com

The purpose of the Village's solar energy system regulations is to promote and accommodate the provisions of solar energy systems as an environmentally friendly alternative source of energy for village residents and businesses. The Village shares the general goal of encouraging solar energy generation with federal and state programs. However, those programs focus on total energy production and operational characteristics of solar energy systems, while the Village is more concerned with the physical characteristics and impact upon neighboring properties. *Please see Appendix H of Chapter 14 of the Municipal Code Book to review the Village's regulations.*

Date: _____

Property Owner's Name: _____

Property Owner's Phone #: _____ email: _____

Property Address: _____

Subdivision: _____ Lot #: _____

Installer's Business Name: _____

Installer's Business Address: _____

Installer's Contact Name: _____ Phone #: _____

Installer's License #: _____ email: _____

Electrician's Business Name: _____ & License #: _____

Permit Requested: Building Mounted Ground Mounted

Total system capacity rating (sum of all panels): Solar Electric System: _____ kW-DC

Estimated energy offset _____ % Total square footage of building: _____ sq. ft.

What is the existing roofing material? _____

Estimated Cost: \$ _____

Will pick up permit Email permit to: _____

_____ **Official Use Only** _____

Date: _____ Request: Approved Denied PIN #: _____

Permit Number: _____ Permit fee \$: _____ Performance bond \$: _____

_____ Date Paid: _____ Check# _____ Cash Credit

Building Official Signature

Solar Array Worksheet. Please provide the following information and attach the most current 12 month kWh (kilowatt-hours) from your electric bill. Please provide the most recent copy of a ComEd bill for verification:

- Step 1 Total kWh used in the past 12 months (yearly total) _____ kWh
- Step 2 Daily average electricity usage (divide yearly total of kWh by 365) _____ kWh
- Step 3 Calculate the system size (AC watts) to provide 100% of your electricity _____ kW-AC
 (Divide your daily average electricity usage in Step 2 by the average sun hours per day (3.14) and the multiple by 1000)
For example, if the daily average electricity usage is 30kWh, the system size would be 30kWh / 3.14 h = 9.55 kW AC x 1000 = 9,554 kW AC
- Step 4 Calculate the number of panels required for your home or commercial system. _____
 (Divide the system AC watts in Step 3 by the watt rating of the solar panels to be used, then divide by the inverter efficiency, _____, and round this number up.)

Mounting System. Provide the following information:

1. Mounting System Manufacturer: _____
2. Product Name and Model Number: _____
3. Total Weight of Solar Electric Modules and Rails _____ lbs.
4. Total Number of Attachment Points _____
5. Weight per Attachment Point _____ lbs.
6. Maximum Spacing Between Attachment Points on a Rail (See product manual for maximum spacing allowed based on maximum design wind speed) _____ inches
7. Total Surface Area of Solar Electric Modules _____ sq. ft.
8. Distributed Weight of Solar Electric Module on Roof _____ lbs./sq. ft.
9. Indicate quantity, brand, and make of :

Inverter(s):

_____	_____	_____	_____ %
Quantity	Make	Model	Efficiency

Panels:

_____	_____	_____	_____
Quantity	Make	Model	Wattage

I hereby certify that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and we agree to conform to all applicable laws of this jurisdiction.

Signature of Homeowner(s) _____ Date _____

Signature of Contractor _____ Date _____

Official Use Only

Conditions of Approval.

1. This permit is granted upon the express condition that the said applicant of this permit shall conform in all respects to all the Ordinances of the Village of Spring Grove and may be revoked at any time upon the violation of any of the provisions of said ordinances, or failure to follow plans as approved to comply with said ordinances.
2. Permit expires one (1) year from the date issued unless otherwise approved by the Building Inspector.
3. The applicant agrees to comply with the Municipal Ordinances and with the conditions of this permit; understands that the issuance of the permit creates no legal liability, express or implied, on the Department or Municipality; and certifies that all the above information is accurate.
4. As a reminder, you need to make sure your structure complies with the covenants of your respective Homeowner's Association. Your compliance with these covenants is your responsibility, not the Village's. If you fail to comply with your respective Homeowner's Association covenants, they may take legal action.
5. **Hours of Construction:** The construction (including excavating), demolition, alteration or repair of any building is permitted between the hours of 7:00 a.m. and 8:00 p.m. Mon. - Sat. and 8:00 a.m. - 6:00 p.m. on Sundays or legal holidays except in case of urgent necessity in the interest of public health and safety, and then only with the written permission of the Building Inspector.

Other conditions of approval are per plans and any notations made on plans. All work and materials to comply with all applicable codes and ordinances. _____