



RESIDENTIAL

ALTERNATIVE ENERGY SOURCE
Solar Energy System (Photovoltaic) Permit Application

Property Address _____

Description of Work _____ Construction Value _____

Property Owner _____

Address _____ City: _____ State: _____ Zip: _____

Applicant/Contact _____

Telephone _____ Email _____

Electrical Contractor _____

Address _____ City: _____ State: _____ Zip: _____

Telephone: _____ Email _____

Solar System Installer _____

Address _____ City: _____ State: _____ Zip: _____

Telephone _____ Email _____

Requirements for Residential Solar PV (Photovoltaic) System Application:

Submit 3 copies each of drawings for rooftop mounted solar array at 11" x 17" format consisting of the items listed below:

- Cover sheet with location map, sheet index, applicable codes, PV system size (DC/AC)
- Roof plan(s) with layout of panels showing fire setbacks per *IRC Section R324.3 Photovoltaic systems*. Include north arrow and indicate street side of residence.
- Provide rack roof-mounting details for all conditions.
- Electrical line diagrams, applicable electrical notes and warning labels.
- If ground mounted system is proposed submit plat of survey with all items above including elevations, foundation, framing information.

Submit 1 copy of each item listed below:

- State of Illinois structural assessment. Structural design requirements per *IRC R324.4.1- 324.4.4.3*
- Equipment specifications and manufacturer cut sheets: PV panels/modules listed and labeled per code.
- PV Installer requirements: credentials to comply with Northbrook amendment to the NEC 690.4(E)(1) (See Village of Northbrook Alternative Energy Source web page for details)

Permit Fee due at issuance: \$130.

Final Inspection only; contractor must provide required access and clearances for all installed disconnect switches, inverters and panels or risk reinstallation after inspection.