



HILLTOWN TOWNSHIP

13 West Creamery Road
P.O. Box 260
Hilltown, PA 18927
(215) 453-6000 Fax: (215) 453-1024
www.hilltown.org

Requirements for Residential Solar Electric Applications

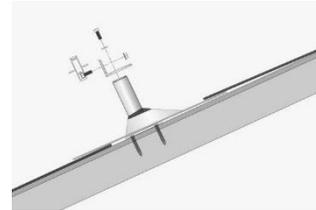
There are two types of Solar Array installations that the Hilltown Township Permits Office most often reviews, - ground based arrays, and roof-based arrays. Each system has some similar, and some different, submission requirements.

For all Solar Electric System applications, the following information/documentation must be submitted:

- A completed Residential Building Permit Application with all supporting electrical documentation.

For Roof Based Systems, the following is also required:

- On most roofs, “Stand-offs” are required. A stand-off is a “leg” that elevates the panel mounting system up off the roof.
- A statement from a Pennsylvania licensed engineer or architect certifying that the receiving roof structure will adequately support the proposed system, as well as the required 30 psf ground snow load.
- Cut sheets and/or manuals for the roof mounting hardware; this paperwork should include notes and/or certifications stating that the stand-off and rack system will withstand a minimum 90-mph wind.



For Ground Based System, the following is required:

- A Zoning Permit Application and Plot Plan (see “Plot Plan Requirements” on the Hilltown Township Code Enforcement Page). Because the ground-based array is an accessory structure, the array must meet the applicable setbacks for the zoning district.
- A trenching detail for running the electrical conductor from the solar array to the receiving structure.
- A footing detail for the proposed post or rack system.
- A certification from a licensed engineer, or manufacturer’s literature, verifying that the ground-based mount system will withstand a 90-mph wind.

Please be advised that this document is meant a general guide for submission requirement to Hilltown Township. It is possible that in some instances additional information will be required.