**Solar Energy System Submittal and Inspection**

**Purpose:** This policy outlines the plan submittal and inspection procedures for Solar Energy Systems in accordance with the current edition of the Ohio Building Code. This policy is designed to ensure the safety and compliance of Solar Energy System installations within the jurisdiction of the City of Powell.

1. **Solar Panels General Requirements:**
* All Solar Energy Systems must be installed and inspected in accordance with the respective code requirements and this policy, prior to the issuance of a Certificate of Occupancy.
1. **Solar Panel Design:**
* The roof shall be constructed to support the additional loads imposed by the roof mounted Solar Energy System per the Design Professional of Record.
* Plans shall include drawings that detail construction of panel rack and attachment of panel to rack as well as permanent fastening of apparatus to roof.
1. **Solar Panel Installation:**
* Pictures (PDF Format) throughout the duration of the project will be required to be submitted prior to the final inspection. *The List of required photos must include:*
1. Verification of address-street view of the house or business and any pertinent structure.
2. Photos of Panel and Equipment location prior to any work having been performed.
3. Photos that coincide with the plan details for attachment and location throughout the

installation process.

1. Roof pitch at all areas of installation.
* Roof and wall penetrations shall be flashed and sealed in accordance with pertinent code requirements to prevent entry of water, rodents and insects.
* Access shall be provided to roof panels as well as ground equipment for maintenance. Solar systems shall not obstruct or interfere with any doors or windows or other building components requiring operation or access including but not limited to roof-mounted equipment.
1. **Solar Panel Inspections:**
* Requests for inspections must be made no later than 3 pm on the day before the scheduled inspection.
* The contractor shall provide photos from the list above and download them to the permit file prior to scheduling a FINAL INSPECTION with the City of Powell’s Building Department.

*Inspection Line 614-802-1200 or online at* [*www.cityofpowell.us*](http://www.cityofpowell.us)

* Zoning final and Electrical final inspections are required prior to a Building Final inspection.
* The Building Official may approve the Building Final inspection per the photographs submitted.
* The Building Official may also choose to accept special inspections and tests by an approved agency.

**Note:** This policy ensures that Solar Energy Systems within our jurisdiction are inspected thoroughly to meet safety standards and code compliance. Building Inspectors must adhere to these guidelines to ensure the safety of occupants and property.

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