

Photovoltaics Systems - Roof Mounted



Village of Hoffman Estates

Code Enforcement
1900 Hassell Road
Hoffman Estates, IL 60169
(847) 781-2631
www.hoffmanestates.org/permits

Permit Procedure:

- Complete and sign a *Building Permit Application*.
- All contractors must be registered, licensed and bonded accordingly.
- Copy of the manufacturer's specifications for the proposed equipment and electrical diagram.
- Two (2) copies of the plat of survey of the property indicating the proposed location of all equipment with detailed dimensions. Include distances from property lines, dwelling and any other structures. An elevation drawing showing the maximum height of proposed equipment must be submitted.
- Supply 2 copies of a detailed Construction Plans and *Scope of Work Form* or contract.
- A structural assessment report of the roof, including load calculations, uplift calculations and mounting specs.

Special Requirements:

- Roof access points shall be located in areas that do not require the placement of ground ladders over openings such as windows or doors.
- Multiple arrays shall be separated by a 3-foot-wide clear access pathway.
- Panels and modules shall be located in a manner that provides a 3-foot-wide pathway from the eave to the ridge on each roof slope.
- Panels and modules shall be located not less than 3 feet from the ridge.
- The PV system shall be for the use of the property on which the system is located except for reverse metering as allowed by the appropriate state and federal agencies.
- If unused for a period of 90 consecutive days, all systems must be removed.
- Roof and structure mounted equipment shall not extend more than 12 inches above the highest portion of the roof to which it is mounted. All roof and structure mounted equipment shall not exceed the applicable zoning district's maximum height requirements for the principal structure.
- Systems are to be installed in compliance with the 2017 edition of the National Electrical Code Articles 690 and 694.
- Must comply with all manufacturer's specifications and structural calculations.
- Projects are subject to the Village Zoning Code regulations and may be subject to additional siting regulations upon review.

Inspections:

- A base/mounting inspection is required.
- A rough electrical inspection is required with electrician onsite and panel covers removed.
- A final inspection is required upon completion of work.
- Call Code Enforcement at (847) 781-2631 to schedule inspection appointments.