

# Solar/Photovoltaic Installation



*This handout is for informational purposes only it should not be viewed as comprehensive.  
The provisions of the City's adopted codes prevail.*

## **Document Submittal List**

- Permit application.
- Copy of electrician's license.
- Copy of signed contract.
- Professional drawn site plan designating panel location and dimensions.
- Structural calculations and drawings signed and sealed by a State of Illinois licensed design professional, such as an Architect or Structural Engineer, certifying the design.
- Manufacturer/installer's photovoltaic system drawings and product documentation
- Construction plans in compliance with the 2021 International Solar Energy Provisions Code and the 2020 NEC.

**Failure to provide any of the above documents may result in processing delays.**

## **General Information and Fees**

- A permit is required for the construction or alteration of all solar/photovoltaic systems.
- The application review period averages two weeks. Systems not mounted on a roof may take additional time due to extra reviews. Applicants are contacted via email when the permit is ready for payment and issuance.
- If work commences prior to permit issuance, the permit fee shall be doubled.
- A list of required inspections is provided at the time of permit issuance. Inspections can be scheduled at least one day prior to the desired inspection date by calling the Warrenville Community Development Department (630-393-9050) or online [here](#).
- A permit may become invalid if work does not begin within 180 days of issuance, or if construction has been halted and not resumed for a period of 180 consecutive days.
- Homeowner Association (HOA) approval may be required before commencing work. The issuance of a permit does not exempt HOA rules and regulations.
- It is the homeowner/contractor's responsibility to have underground utilities located not less than 48 hours before digging commences by calling J.U.L.I.E (811).
- Permit fees are \$150.00 for a residential, standard photovoltaic system. Additional fees may be required for large-scale designs.
- Approved construction documents shall be available on site.
- Alterations to the approved plans must be resubmitted to the Chief Code Official in writing for review and approval prior to construction.

## **Illinois Solar Rights**

Illinois law prohibits homeowner associations, common interest community associations, and condominium unit owners associations from preventing homeowners from using or installing solar energy systems. These associations may not deny homeowners permission to install solar energy systems, but they may specify the location of the solar energy system, as long as such specifications do not impair the effective operation of the system.

## **Engineering Requirements (for ground mounted installations)**

The City of Warrentonville adopted the [DuPage County Stormwater and Floodplain Ordinance](#) and administers its requirements in the review of permits. The requirements below may apply to your permit and a [Stormwater Management Certification Application](#) may be required.

- If 2,500 square feet or more of net new impervious area has been constructed on your property since 2013, a Post Construction Best Management Practice for stormwater (examples include dry wells, rain gardens, bioswales) will most likely need to be installed as part of your project.
  - A licensed professional engineer/land surveyor or other design professional may be required to create a site plan and BMP design.
  - An as-built plan/final survey may also be required as part of the project.
- If your property contains **floodway, floodplain, wetlands or buffers**, contact engineering staff for requirements at The Community Development Department 630-393-3050.