



VILLAGE OF EAST DUNDEE
120 Barrington Ave, East Dundee, IL
60118 Phone: 847-426-2822 x2

SOLAR POWER HANDOUT

INFORMATION REQUIRED FOR PERMIT APPLICATION

Date: _____

Owner _____

Commercial Use (2021 IBC)

Parcel number _____

Residential Use (2021 IRC)

Installation Co.: _____

Contact Name: _____

Address: _____

City, State: _____

Phone No: _____

Email: _____

Electrical Cont. LIC. # _____

2020 NEC as Amended

References: 2021 International Residential Code/2021 International Building Code, East Dundee Zoning Ordinance, East Dundee Village Code.

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1. Permit application must be completed.
 - A. New structures and existing structures with remodeling/additions
 2. Two copies and PDF of all the construction documents for all structures to be erected on premise. All construction documents are to be sealed by an Illinois licensed architect or structural engineer, as applicable and dated. Construction documents will include complete drawings and specifications of all new and existing conditions. Each copy should include the following:
 - A. Two copies of the sealed structural layouts, foundations, sections, and calculations for the Solar Panel System. Design drawings to be submitted with permit application.
 - B. Two copies of each of the required submittals. (see next page)
 3. Two copies of the site improvement plans, including all lot lines, building set backs, existing structures, parking layouts, landscaping plan/privacy fence, septic tank and field location, well location, and general grading.
 4. Plat of survey of the property, if a Ground Mounted system is installed.
 5. Answer questions where indicated below:
 - A. Detailed explanation of the use of the structure (East Dundee Zoning Ordinance) (height of the Solar Panel/s) (highest point) _____

Required Submittals for Solar Panel Systems

Type of Solar System Being Proposed:

A. Photovoltaic _____

Type of Inverter:

- _____ Grid Tie Inverter: PV System tied directly to the electrical grid (Remote Disconnect Required for Fire Personnel)
- _____ Off Grid Inverter: PV System is stand alone or off electrical grid (Remote Disconnect Required)
- _____ On/Off Grid Inverter: PV is tied to the electrical grid and has battery backup (Remote Disconnect Required)

B. Thermal: _____

The Location of Solar Panel System:

A. _____ Ground Mounted

(Provide 3 copies of the site plans showing the distances to all buildings, and the set-backs to all property lines, and location of well and septic.)

B. _____ Roof Mounted

(Provide a plan showing the location that the panels are installed on the roof following the 2021 edition of International Fire Code requirements.)

Required Submittals To Be Include With The Construction Drawings (Item 2.B. Previous page):

1. Provide a copy of the complete cut-sheets of the system to be installed.
2. Provide a copy of the Electrical Contractors License.
3. Provide wiring diagrams of the system showing the interior/exterior locations of the automatic disconnect for COM ED and the remote disconnect for fire department. These disconnects are to be marked per the 2020 NEC requirements. Indicate the locations of the plaques and directories required per the 2020 NEC requirements.
4. Indicate if the system contains an automatic disconnect if the grid system loses power. If the system contains batteries it will have to have a remote disconnect, accessible by the fire department, to prevent back-feeds to the rest of the electrical system during an emergency.
5. Provide a copy of the application for the required Interconnect Agreement from COM ED (Appendix B).
<https://www.comed.com/customer-service/rates-pricing/interconnection/Pages/transmission.aspx>
6. The Village shall provide the submitted plans to the East Dundee Fire District that they have reviewed and approved the installation of the system per their ordinances. The fire department should also give their approval of any required remote disconnects.
7. Provide a floor plan of the location the electrical panel/s will be installed in the structure or a utility room.
8. Provide the location of the new wiring for the panels. Indicate whether the wiring is on the exterior or interior of the structure and that it will be installed per the 2020 NEC as amended.
9. Does this installation contain a storage battery system? If it does, supply the installation requirements for the batteries and the location of the batteries per the 2021 IBC or 2021 IRC. (which every is applicable)
10. For a roof mounted system, provide a structural review of the existing structure, the panels, and the panel anchorage by a State of Illinois licensed architect or structural engineer. This review is to be based on the requirements of the 2021 IBC or 2021 IRC (which every is applicable)



Village of East Dundee
 120 Barrington Ave
 East Dundee, IL 60118
 Phone:847-426-2822x2 Email:gness@eastdundee.net

BASIC BUILDING APPLICATION

Date: _____ Parcel:# _____ Permit No: _____
 Job Address: _____
 Owners name: _____ Owner's Phone: _____
 Owners Address: _____ State: _____ Zip Code: _____
 Applicant's Name: _____ Phone: _____ Email: _____

Contractor Information

Solar:	
Address:	
Phone:	Fax:
Email:	
Roofing:	
Address:	
Phone:	Fax:
License#	Exp. Date:

Electrical:	
Address:	
Phone:	Fax:
License#	Exp. Date:
Plumbing:	
Address:	
Phone:	Fax:
License#	Exp. Date:

Description of Work: _____
 Current Use of Building: _____
 Total value of Job \$ _____ SQ FT. _____ **Total Permit Fee:\$** _____
 Bldg. value: \$ _____ HVAC value: \$ _____ Plumbing value: \$ _____ Electrical value: \$ _____ Total: \$ _____
 Comments: _____

In consideration of this application and attached forms being made a part thereof and the issuance of a permit, I will conform to the regulations set forth in the Village of East Dundee, Illinois, codes and ordinances.
 I also agree that all work performed under said permit will be in accordance with the plans and specifications which accompany this application, except for such changes as may be authorized or required by the Building official or his designee.

 Owner or Authorized Agent Signature

 Print Name & Email

A permit for The Above is hereby approved.

 Building Inspector

Received by _____ Check# _____ Cash _____ Credit Card _____ Date: _____ Charge # 421000