CITY OF WASHINGTON

Building Division
Phone # 309-444-1122
Fax # 309-444-9779

GROUND-MOUNT SOLAR PANEL INSTALLATION APPLICATION

PROPERTY OWNER NAME & ADDRESS

_____

_____

_____

Phone: _____

Email: _____

PARCEL ID NUMBER: _____

CONTRACTOR NAME & ADDRESS

_____

_____

_____

Phone: _____

Email: _____

SITE ADDRESS: _____

ESTIMATED COST OF CONSTRUCTION: $ _____

Type of System: (Check one) ☐ a Grid-Tied Photovoltaic (PV) System or ☐ a Residential Solar Thermal System

Mounting Type: ☐ Ground ☐ Other (specify) _____

Property Type: ☐ Residential ☐ Non-Residential

Property Size (acres): _____ **Total Height with Panel:** _____ **Total Surface Area of PV Modules** _____ **sq ft**

Rear Yard Setback (feet) _____

Indicate type, brand and model size including manufacturer's specification sheets of the:

Mounting System Manufacturer: _____

Make _____ **Model** _____ **Mounting Method** _____

Inverters Manufacturer: _____

Quantity _____ **Make** _____ **Model** _____

Modules Manufacturer: _____

Quantity _____ **Make** _____ **Model** _____

The authorized applicant/property owner's signature below hereby attests: Owner/Applicant attests that all information contained herein and accompanying documents is true and correct and all Plans are in compliance with all applicable Codes and Ordinances of the City of Washington. If the scope of work is modified, the Owner/Applicant shall contact the City of Washington.

Signature: _____ Date: _____ Received By _____

Owner ☐ Applicant ☐

OFFICE USE ONLY:

SUBDIVISION: _____ **LOT #**_____ **ZONING:** _____

PARCEL SIZE: _____

SPECIAL USE GRANTED: ☐ YES - CASE NO. _____

REVIEWED BY:_____ **REVIEW APPROVAL DATE:**_____

The following shall be submitted with the Permit Application: (check all that apply)

☐ Site Plan
- Location of Inverters and major equipment
- Location of Main Breaker Panel
- Location of Utility Meter
- Location of AC disconnect
- Location of batteries and/or charge controllers (where applicable)
- Gross dimensions of structures on property (where applicable)
- Approximate layout of any structures (where applicable)
- Trenching details: location, depth, and length (where applicable)

☐ Construction Plans - Compliant with the NFPA 70 and current NEC
- One Line Diagram with the following:
  - The number of panels proposed
  - Voltage and kilowatt output rating of each panel
  - The total system voltage and kilowatt output
  - All conductor sizes
  - Ampacity of all overcurrent devices
  - Ampacity of any disconnects
  - Max ampacity of main electrical panel and any sub panel that is to be used
  - Battery Storage – If batteries are to be used with the system for storage of electricity, indicate number, size and location of batteries. Indicate grounding of batteries to storage box or rack

☐ A current, valid electrical license for the electrician(s) that will complete the installation. All roof- or ground-mount solar projects must be installed by a licensed electrician. The license can be issued by any of the following Illinois communities: Peoria, Bloomington, Springfield, Decatur, Pekin, Ottawa, Joliet, or any other Illinois testing community upon verification by the City building official.

☐ Plumbing diagram and plumbing permit (solar thermal systems) – Compliant with the current State of Illinois Plumbing Code Part 890 Administrative Code

☐ Installation manual for the mounting system (or the internet address of a web-based version)

☐ Signed Install/Contractor Agreement

☐ The fee structure is as follows:
- 0-4 kilowatts: $75
- 5-10 kilowatts: $150
- 11-50 kilowatts: $300
- 51-100 kilowatts: $500
- 101-500 kilowatts: $1,000
- 501-1,000 kilowatts: $3,000
- 1,001-2,000 kilowatts: $5,000