City of Sikeston Missouri

105 E. Center Street
Sikeston, MO 63801
573-471-2512
www.Sikeston.org

SOLAR PERMIT APPLICATION

PROPERTY ADDRESS/LOCATION: _____

PROJECT DESCRIPTION: _____

COMMERCIAL ☐ RESIDENTIAL ☐

CLASSIFICATION OF WORK (MARK ALL THAT APPLY):
NEW ☐ ADDITION ☐ ALTERATION ☐ DEMO ☐ REPAIR ☐

APPLICANT/PROJECT CONTACT: _____
MAILING ADDRESS: _____
TELEPHONE: _____

PROPERTY OWNER NAME: _____
MAILING ADDRESS: _____
TELEPHONE: _____

GENERAL CONTRACTOR: _____
MAILING ADDRESS: _____
TELEPHONE: _____

ESTIMATED TOTAL COST OF PROJECT: _____
Cost Breakdown Electric Solar Other

MOUNTING: ROOF MOUNT ☐ GROUND MOUNT ☐

TOTAL SYSTEM CAPACITY RATING Solar PV System: kW DC

Building Setbacks From Property Line: (Ground Mounted Units)

_____ Front _____ Back _____ Left Side _____ Right Side

Contractors: List Business Name, Owner Name, Address & phone of contractor for each trade

Electrical Contractor _____
Solar Installation _____
Other Contractor _____

*Note – All contractors must have a valid City Business/Contractor's License prior to the issuance of a permit & prior to the start of work

Construction documents required- 2 sets, sealed by Missouri State registered design professional- 2 Sets Sealed Specification Books & 1 All Inclusive set in .pdf format on C.D. or Thumb Drive formatted for large scale printing. Site Plan Required - Site Plan should be drawn to scale (note which scaled used), driveway location indicated to scale, shall indicate all property dimensions, shall indicate building layout with the front, side and rear building setbacks to property lines, shall include road location, should include easement and setback locations, shall delineate the required location and number of parking spaces if required for the use proposed and Directional North arrow

Construction Documents should include the following:

- Manufacturer/model number/quantity of solar PV modules and inverter(s)
- String configuration for solar PV array, clearly indicating the number of modules in series and strings in parallel (if applicable)
- Combiner boxes: Manufacturer, model number, NEMA rating
- From array to the point of interconnection with existing (or new) electrical distribution equipment: identification of all raceways (conduit, boxes, fittings, etc.), conductors and cable assemblies, including size and type of raceways, conductors, and cable assemblies
- Sizing and location of the EGC (equipment grounding conductor)
- Sizing and location of GEC (grounding electrode conductor, if applicable)
- Disconnecting means of both AC and DC including indication of voltage, ampere, and NEMA rating
- Interconnection type/location (supply side or load side connection)
- For supply side connections only, indication that breaker or disconnect meets or exceeds available utility fault current rating kAIC (amps interrupting capacity in thousands)
- Ratings of service entrance conductors (size insulation type AL or CU), proposed service disconnect, and overcurrent protection device for new supply side connected solar PV system (reference NEC 230.82, 230.70)
- Rapid shutdown device location/method and relevant labeling
- (For Roof Mounted Systems) A roof plan showing roof layout, solar PV panels and the following fire safety items: approximate location of roof access point, location of code-compliant access pathways, code exemptions, solar PV system fire classification, and the locations of all required labels and markings

Provide construction drawings with the following information:

- The type of roof covering and the number of roof coverings installed
- Type of roof framing, size of members, and spacing
- Weight of panels, support locations, and method of attachment
- Framing plan and details for any work necessary to strengthen the existing roof structure
- Site-specific structural calculations

Where an approved racking system is used, provide documentation showing manufacturer of the racking system, maximum allowable weight the system can support, attachment method to roof or ground, and product evaluation information or structural design for the rack

REQUIRED INSPECTIONS:

ROUGH INSPECTION: During a rough inspection, the applicant must demonstrate that the work in progress complies with relevant codes and standards. The purpose of the rough inspection is to allow the inspector to view aspects of the system that may be concealed once the system is complete, such as: • Wiring concealed by new construction. • Portions of the system that are contained in trenches or foundations that will be buried upon completion of the system.

FINAL INSPECTION: The applicant must contact the electrical inspector when ready for a final inspection. During this inspection, the inspector will review the complete installation to ensure compliance with codes and standards, as well as confirming that the installation matches the records included with the permit application.

Notice:

Work shall not proceed until the Inspector has approved the various stages of construction. The permit becomes null and void if work or construction authorized is not commenced within (30) days or if construction or work is suspended or abandoned for a period of one hundred & eighty (180) days at any time after your work has commenced.

The permit must be posted on-site in a waterproof sleeve. The site address must be visible from the street.

This permit conveys no right to occupy any street, alley or sidewalk or any part thereof, either temporarily or permanently. Encroachments on public property not specifically permitted under the building code, must be approved by the jurisdiction. Street or alley grades as well as depth and location of public sewers may be obtained from the department of public works. The issuance of this permit does not release the applicant from the condition of any applicable subdivision restrictions.

By signing this permit you agree to comply with ALL Building Codes, Zoning, FEMA, DNR and City of Sikeston regulations and rules. Construction and demolition waste shall be disposed of in a sanitary landfill or other authorized sites as per DNR Regulations. All construction shall conform to City of Sikeston's Storm Water Management and Land Disturbance Ordinance #5816. Contractors are to install and maintain erosion controls such as silt fencing as well as other methods to keep sediment on the site. Each aspect of the construction Site Runoff Control will be enforced as part of the construction site inspection process.

I hereby certify that I have read and examined the application and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.

Signature of Contractor or Authorized Agent: _____ Date: / /

Signature of Owner: _____ Date: / /

OFFICE USE:

Bldg Use Group	Zoning District :	
Date Received:	Land Disturbance App Submitted	Plan Review Complete