SOLAR PANEL PERMIT APPLICATION

Building Department
25 LaGrange Street
Newnan, GA 30263
Ph. 770-254-2362 Fax 770-254-2361
Email – jcantrell@cityofnewnan.org

Project Address: _____
Number and Street Subdivision

Occupant Name and Contact #: _____
Name Contact Phone Number

Contractor Name and Contact #: _____
Name Contact Phone Number

Project: Photovoltaic Panel Checklist

- **Site plan** showing location of structure and array/equipment on lot with lot lines
- **Roof plan** showing the array and setbacks from edges of roof and ridge for Firefighter access
- **Manufacturer specifications** for the PV panels and mounting hardware, including weight of equipment
- **Structural engineer calculations** by a GA state licensed engineer and letter of adequacy of the existing roof structure (or changes required) to support the additional load and the total dead loads of modules, supports, mountings, raceways and all other appurtenances
- An **electrical permit** is required
- Photos of existing interior and exterior electrical equipment is required

Total kw for array: _____ Estimated cost of project: _____

Is there an automatic sprinkler system in this structure? □ yes □ no

Description of project: _____
_____
_____
_____
Include a drawing of work to be done.

_____ _____ _____
Signature of Owner Occupant or Contractor Email Address Date

Photovoltaic (PV) System Data Checklist

	Yes	No
PV system is designed and proposed for a detached one- or two- family dwelling or townhouse not more than three (3) stories above grade or detached accessory structure that is code compliant to setbacks and height, or code allows expansion of nonconformity for solar modules. (IRC)		
Modules on pitched roofs do not exceed the highest point of the roof unless approved by the local jurisdiction.		
Attachment to the roof is specified by the mounting system manufacturer.		
Total dead loads of modules, supports, mountings, raceways and all other appurtenances approved for install on existing roof approved by Structural Engineer.		
To address uplift, modules are mounted no higher than 18" above the surface of the roofing to which they are affixed. (IRC)		
Supports for solar modules are installed to spread the dead load across as many roof-framing members as needed to ensure that no point load exceeds fifty (50) pounds. (IRC)		
Roof and wall penetrations shall be flashed and sealed to prevent entry of water, rodents, and insects. (IRC)		
PV modules are listed and labeled with a fire classification in accordance with UL 1703. (IRC)		
The roof plan submitted shows the required firefighter paths as described in the IRC for photovoltaic panels installed on roofs.		

Firefighter Access

PV systems are a serious concern for the fire service in that they limit access for roof operations and, even when disconnected from the building electrical system, remain energized during daylight hours. The following code sections are required to be followed to help mitigate these concerns:

Access in accordance with IRC section 324

- A pathway is to be constructed along roof edges, peaks, and valleys for firefighter access in the dimensions shown in section 324 or the IRC (code excerpt on the next page).

PHOTOS OF THE ARRAY BRACKETS AND APPARATUS ATTACHED TO THE ROOF MUST BE SUBMITTED TO THE BUILDING DEPARTMENT BEFORE THE SOLAR PANELS ARE INSTALLED. THESE PHOTOS ARE TO BE SUBMITTED TO JCANTRELL@CITYOFNEWNAN.ORG