

# RESIDENTIAL SOLAR ARRAY CHECKLIST

NEW DWELLING, ADDITION OR ALTERATION

TOWNSHIP OF MOON

<input type="checkbox"/>	Fill out and sign the "Residential Permit Application" form.
<input type="checkbox"/>	Fill out and sign the "Permit Agreement" form.
<input type="checkbox"/>	Fill out and sign the "Workers Compensation Affidavit of Exemption" form <i>Or</i> Provide proof of Workers Compensation Insurance Certificate and name Moon Township as a certificate holder.
<input type="checkbox"/>	Fill out the "Electrical Permit Application" and <b><u>include the electrical permit fee check of \$255.</u></b>
<input type="checkbox"/>	Provide 2 copies of construction plans and details. Engineer stamped design required.
<input type="checkbox"/>	Provide table showing total roof area and total solar array area. Max array coverage permitted is 50% of total roof area.
<input type="checkbox"/>	<b>(Only required for ground mount solar.)</b> Provide 2 copies of the property survey plan with the proposed structure drawn, to scale, on it. Show setback dimensions from proposed structure to each side, rear and front property lines. Show all proposed improvements including structures, driveway and sidewalks.

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- You will be contacted when the permit is ready and informed of the permit fee.
  - Building permit fee is due at time of pick-up.
  - Electrical permit fees are due when submitting the Building Permit Application.



# TOWNSHIP OF MOON

1000 Beaver Grade Road, Moon Township, PA 15108  
412.262.1700 • moontwp.us

## RESIDENTIAL PERMIT APPLICATION NEW DWELLING, ADDITION OR ALTERATION

Location of Construction: \_\_\_\_\_  
Street City State Zip

Applicant's Name: \_\_\_\_\_

Applicant's Phone No.: \_\_\_\_\_ Email: \_\_\_\_\_

Applicant's Address: \_\_\_\_\_  
Street City State Zip

Type of Improvement:  New Construction  Alteration  Addition  Repair/Replace

Total Cost of Improvements: \_\_\_\_\_

Proposed Use:  One Family Dwelling  Detached Garage/Carport  Other (Specify) \_\_\_\_\_

### Property Information:

Zoning District: \_\_\_\_\_ County Lot & Block No.: \_\_\_\_\_ Lot Size: \_\_\_\_\_

Subdivision Name: \_\_\_\_\_ Lot No.: \_\_\_\_\_

Owner's Name: \_\_\_\_\_

Owner's Phone No.: \_\_\_\_\_ Email: \_\_\_\_\_

Owner's Address: \_\_\_\_\_  
Street City State Zip

Occupant's Name: \_\_\_\_\_ Occupant's Phone No.: \_\_\_\_\_

Water Supply:  Public  Private Sewage:  Public  Private Type of Heat:  Gas  Electric

### Zoning Setbacks (the distance between the structure and the property lines):

Front Yard: \_\_\_\_\_ Rear Yard: \_\_\_\_\_ Right Side: \_\_\_\_\_ Left Side: \_\_\_\_\_

### Proposed Construction:

Exterior Finish to Grade:  Brick  Siding  Other Architectural Finish (Specify) \_\_\_\_\_

Type of Frame:  Masonry  Wood  Structural Steel  
 Reinforced Concrete  Other (Specify) \_\_\_\_\_

No. of Stories: \_\_\_\_\_ Total Height of Building: \_\_\_\_\_ Size of Structure: Ft. Wide: \_\_\_\_\_ Ft. Long: \_\_\_\_\_

Total Area: 1<sup>st</sup>: \_\_\_\_\_ 2<sup>nd</sup>: \_\_\_\_\_ 3<sup>rd</sup>: \_\_\_\_\_ Basement: \_\_\_\_\_

Garage: \_\_\_\_\_ Deck/Porch: \_\_\_\_\_ Other: \_\_\_\_\_

Describe Proposed Construction: \_\_\_\_\_

Contractor's Company Name: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Contact Phone No.: \_\_\_\_\_ Email: \_\_\_\_\_

Contractor's Address: \_\_\_\_\_  
Street City State Zip

*The Applicant/Owner hereby certifies that the statements made herein and representations contained in all accompanying matter part of this application are true and correct. The Applicant/Owner shall be responsible for reviewing and fully understanding all permit conditions and insuring compliance to all applicable codes and ordinances. The Applicant/Owner shall also be responsible for any fees incurred in relation to the above project. The Applicant/Owner grants Moon Township Officials the right to enter onto the property for inspecting the work permitted and posting notices. As Applicant, I hereby certify that proposed work is authorized by the Owner of record and I have been authorized by the Owner to make this application as his authorize agent.*

Applicant/Owner's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# PERMIT AGREEMENT

TOWNSHIP OF MOON

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In considering of the issuance by the Township of Moon (the "Township") of a Building Permit, Zoning Permit and other permits for the property located at \_\_\_\_\_ and to the undersigned property Owner(s) or the Agent(s) (the "Applicant"), the Applicant acknowledges that, in reviewing plans and specifications, in issuing permits and inspection work of the Applicant; the employees, consultants, elected or appointed official of the Township are only performing their duties to require compliance with the minimum requirements of the applicable ordinances of the Township and the minimum requirements of the applicable ordinances of the Township and the Pennsylvania Uniform Construction Code pursuant to the police power of the Township and are not warranting to the Applicant or to any third party the quality of adequacy of the design, engineering or work of the Applicant or their agents or contractors.

Applicant further acknowledged that although plan review and inspections will be provided, it will not be possible for the Township to review every aspect of the Applicant's design and engineering or to inspect every aspect of the Applicant's work. Accordingly, neither the Township nor any of its elected appointed officials, consultants, or employees shall have any liability to the Applicant for defects or shortcomings in such design, engineering or work, even if it is alleged that such defects or shortcomings should have been discovered during the Township's review or inspection, Furthermore, the Applicant agrees to defend, hold harmless and indemnify the Township, its elected officials, consultants and employees from and against any and all claims, demands, actions, and causes of actions of any one or more third parties arising out of or relating to the Township's review or inspection of the Applicant's design, engineering, or work or issuance of a permit or permits, or arising out of or relating to the design, engineering or work done by Applicant pursuant to such permit or permits. 'All references in this Agreement to Applicant's design, engineering or work shall include such design, engineering, and work, which is performed by the Applicant or by the Applicant's employees, agents, independent contractors, subcontractors or any other person or entities performing work pursuant to the issuance of the Building Permit Zoning Permit and other permits by the Township.

Owner/Agent's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Print Name \_\_\_\_\_

# WORKERS COMPENSATION AFFIDAVIT OF EXEMPTION

TOWNSHIP OF MOON

The undersigned swears or affirms that he/she is not required to provide workers' compensation insurance under the provisions of Pennsylvania's Workers' Compensation Act for one of the following reasons, as indicated:

- Contractor is a sole proprietorship with no employees.
- Religious exemption under Section 304.2 of the Workers' Compensation Law.
- Contractor is a corporation and the only employees working on the project have and are qualified as "Executive Employees" under Section 104 of the Workers' Compensation Act. Please explain:  
\_\_\_\_\_
- Owner is the Contractor
- Other: Please explain: \_\_\_\_\_  
\_\_\_\_\_

Please be aware of the following requirements under the Pennsylvania Workers' Compensation Act:

1. Any subcontractors used on this project will be required to carry their own workers' compensation coverage.
2. Violation of the Worker's Compensation Act or the terms of this information form will subject the Contractor to a stop-work order and other fines and penalties as provided by law.

My signature on behalf of or as the Contractor as stated on this form constitutes my verification that the statements contained here are true.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name (please print) \_\_\_\_\_ Contact No. \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**RESIDENTIAL FEES (Two Trip Maximum)**

Residential Flat Rate, New Construction (Up to 200A).....	\$300.00
Residential Flat Rate, New Construction (Over 200A to 400A).....	\$400.00
Residential Additions and alterations <b>(Two Trips only)</b> .....	\$200.00
Services and Subpanels or Temporary Service up to 400A <b>(One trip only)</b> .....	\$100.00
Each Additional 100A over 400A .....	\$25.00
Minimum Trip and Reinspection Fee <b>(One trip only)</b> .....	\$100.00
Hot Tubs <b>(One trip only)</b> .....	\$100.00
Photo Voltaic Systems up to 5 KW <b>(Two trips only)</b> .....	\$255.00
Aboveground Swimming Pools <b>(One trip only)</b> .....	\$150.00
Inground Swimming Pools <b>(Two trips only)</b> .....	\$230.00

**(Swimming Pool panels and/or pool houses are extra, use above fees)**

**COMMERCIAL**

Services, Subpanels and Temporary Service up to 200A <b>(One trip only)</b> .....	\$100.00
Services and Subpanels over 200A and up to 400A.....	\$200.00
Each Additional 100A over 400A .....	\$25.00
1-50 Outlet Switches, Receptacles, Lighting, etc. (Rough and Final) .....	\$200.00
Each Electrical Outlet or Device Over 50.....	\$0.75
Equipment Up to 10 HP, KVA, KW (Transformers, Motors, HVAC, etc.) .....	\$35.00
Each Additional HP, KVA, KW, over 10 .....	\$1.00
1-50 Outlets Low Voltage, Fire Alarm, Data, Security, Etc. (Rough and Final) .....	\$200.00
Each Low Voltage Device Over 50 .....	\$0.75
Illuminated Signs (Each) .....	\$100.00

**Photo Voltaic Cells (Based on the above KW rating and associated equipment)**

**Electrical Inspections are available on Monday, Wednesday and Friday.**

**NOTE:** Before inspections can be performed, all application(s) and fees must be submitted, No Exceptions. Please make checks payable to "Township of Moon". To schedule an electrical inspection, please contact John Panek at 724-869-0778 (voicemail) or 412-974-5445 (text) .

Rev. Jan. 2020



# TOWNSHIP OF MOON

1000 Beaver Grade Road, Moon Township, PA  
John Panek 724-869-0778 (voicemail) or 412-974-5445 (text)

## ELECTRICAL PERMIT APPLICATION

### Official Use Only

_____	_____
Permit Fee	Permit No.
_____	_____
Receipt No.	Permit Approved By

Project Address \_\_\_\_\_  
Street City State Zip

Subdivision \_\_\_\_\_ Lot No. \_\_\_\_\_

Landowner's Name \_\_\_\_\_  
Name Contact Phone No.

Landowner's Address \_\_\_\_\_  
Street City State Zip

Occupant's Name: \_\_\_\_\_  
Name Contact Phone No.

Occupant's Address \_\_\_\_\_  
Street City State Zip

Contractor's Name \_\_\_\_\_  
Name Contact Phone No.

Contractor's Address \_\_\_\_\_  
Street City State Zip

Type of Improvement  
 Repair/Replace  New Construction  Addition  Alteration  Other \_\_\_\_\_

**Description of work** (wiring, equipment, data, service size, number switching, lighting, receptacles, etc.)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Current and Former Use of Property

Single Family  Duplex  Commercial  School  Office  Other \_\_\_\_\_

The Applicant/Owner hereby certifies that the statements made herein and representations contained in all accompanying matter part of this application are true and correct. The Applicant/Owner shall be responsible for reviewing and fully understanding all Permit conditions and insuring compliance to all applicable Codes and Ordinances. The Applicant/Owner shall also be responsible for any fees incurred (engineering, etc.) in relation to the above proposed project. The Applicant/Owner grants Moon Township officials the right to enter onto the property for the purpose of inspecting the work permitted and posting notices. As applicant, I hereby certify that proposed work is authorized by the Owner of record, and I have been authorized by the Owner to make this application as his authorized agent.

Signed \_\_\_\_\_  
Applicant Date

Signed \_\_\_\_\_  
Owner Date

**\*\* All Electrical Permit Applications must be accompanied with a check made payable to "Township of Moon" \*\***

*Township of Moon, PA  
Tuesday, May 11, 2021*

## Chapter 27. Zoning

### Part 5. SUPPLEMENTAL REGULATIONS

#### § 27-524. Solar Photovoltaic System.

[Added by Ord. 660, 1/4/2016]

A solar photovoltaic system shall be permitted subject to the following express standards and criteria:

A. Location Within a Lot; Setback.

- (1) A building-mounted solar system is permitted to face any rear yard, side yard, and front yard or any unregulated yard area as defined in this chapter.
- (2) A ground-mounted solar system is permitted subject to compliance with the requirements of this chapter; provided, however, a ground-mounted solar system shall not be located any closer to a front lot line than the principal structure on the subject property.
- (3) No part of a ground-mounted solar system shall extend over the required rear or side building setback line due to a solar tracking system or other adjustment of solar PV equipment or parts.

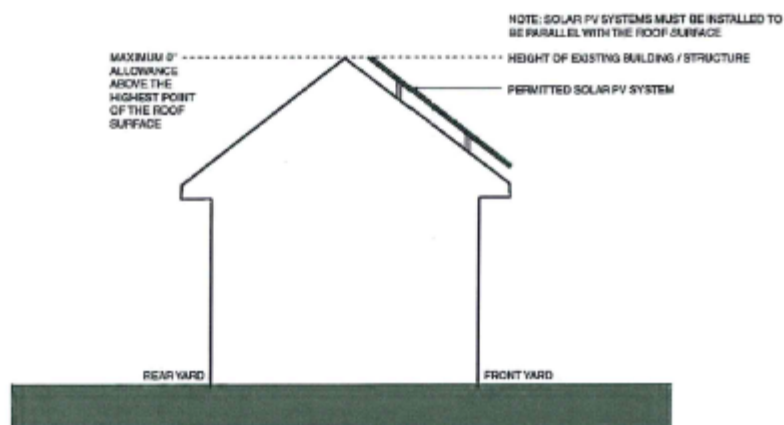
B. Design and Installation.

- (1) A solar PV system shall comply with the Construction Code [Chapter 5, Part 1].
- (2) A building-mounted system shall be installed such that no solar facility will cover more than 50% of each roof area covered by the facility.
- (3) For a ground-mounted solar system, all exterior electrical lines shall be buried below the surface of the ground where possible and placed in conduit.

C. Height Restrictions.

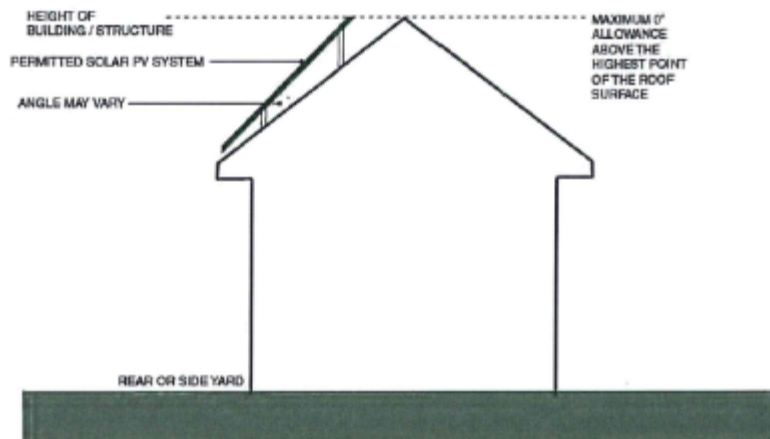
- (1) For a building-mounted solar system installed on a sloped roof that faces the front yard of a lot, the system must be installed at the same angle as the roof on which it is installed with a maximum distance, measured perpendicular to the roof, of 18 inches between the roof and highest edge or surface of the system.

HEIGHT RESTRICTION, SLOPED ROOF FACING FRONT YARD: BUILDING-MOUNTED SOLAR PV SYSTEM ELEVATION



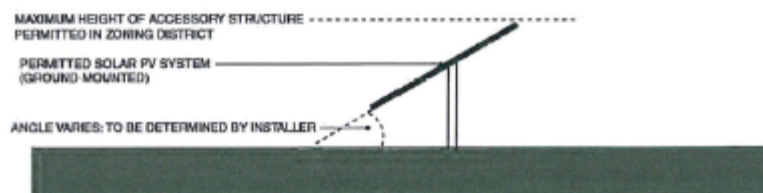
- (2) For a building-mounted solar system installed on a sloped roof, the highest point of the system shall not exceed the highest point of the roof to which it is attached.

HEIGHT RESTRICTION, SLOPED ROOF FACING REAR OR SIDE YARD: BUILDING-MOUNTED SOLAR PV SYSTEM ELEVATION



- (3) For a building-mounted solar system installed on a flat roof, the highest point of the system shall be permitted to extend up to six feet above the roof to which it is attached.
- (4) A ground-mounted solar system shall not exceed the permitted height of accessory structures in the zoning district where the solar PV system is to be installed.



**HEIGHT RESTRICTION: GROUND-MOUNTED SOLAR PV SYSTEM  
ELEVATION****D. Screening and Visibility.**

- (1) A building-mounted solar system on a sloped roof shall not be required to be screened.
- (2) A building-mounted solar system mounted on a flat roof shall not be visible from a street right-of-way within a one-hundred-foot radius of the subject property at a level of five feet from the ground in a similar manner as to any other rooftop HVAC or mechanical equipment. This can be accomplished with architectural screening such as a building parapet or by setting the system back from the roof edge in such a manner that the solar PV system is not visible from the street right-of-way within a one-hundred-foot radius when measured at a distance of five feet from the ground.

**E. Impervious Lot Coverage Restrictions.** The surface area of any ground-mounted solar system, regardless of the mounted angle of any portion of the system, is considered impervious surface and shall be calculated as part of the applicable lot coverage limitation for the subject property. If the ground-mounted solar system is mounted above existing impervious surface, it shall not be calculated as part of the lot coverage limitation for the subject property.

**F. Performance Requirements.** All solar PV systems shall comply with the applicable performance standards of this chapter.