

SOLAR ARRAY APPLICATION CHECKLIST

TOWNSHIP OF MOON

<input type="checkbox"/>	Fill out and sign the "Solar Array 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 the "Electrical Permit Fee Worksheet" and submit with fee check made to "Moon Township"
<input type="checkbox"/>	Provide 2 copies of the construction plans and details. Engineer stamp required. Show Code compliance details including roof access and pathways. See Moon Township Zoning ordinance on Solar Array systems.
<input type="checkbox"/>	Provide table showing total roof area and total solar array area for roof installations. Max array coverage permitted is 50% of the total roof area.
<input type="checkbox"/>	
<input type="checkbox"/>	(Only required for ground mount solar array) Provide 2 copies of the property survey plan with the proposed structure, solar array, drawn to scale. Show setbacks from proposed structure to each side, rear, and front property lines.
<input type="checkbox"/>	

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- There are 2 separate fees. A building permit fee and an electrical permit fee.
 - You will be contacted when the permit is ready and informed of the building permit fee.
 - The building permit fee is due at the time of issued building permit pick-up.
 - Electrical permit total fee from electrical permit fee worksheet due when submitting all information on this checklist.
 - See inspection guide for required inspections.
 - Submit all information in hard copy.



TOWNSHIP OF MOON

1000 Beaver Grade Road, Moon Township, PA 412-262-1700

SOLAR ARRAY PERMIT APPLICATION

Location of Construction: _____
Street City State Zip

Describe Proposed Construction: _____

Describe Use of Property: _____

Construction Improvement: ☐ Roof Top Solar Array ☐ Ground Mount Solar Array

Total Cost of Construction: _____ Total Solar Array Sq. Ft.: _____

Applicant Type: ☐ Owner ☐ Design Professional ☐ Contractor

☐ Other (Specify) _____

Applicant Name: _____ Phone: _____ Email: _____

Applicant Address: _____
Street City State Zip

Applicant Contact Name: _____

Zoning Setbacks (the distance between the proposed structure and the property

lines): Front Yard: _____ Rear Yard: _____ Right Side: _____ Left Side: _____

Property Information

Owner Name: _____ Phone: _____ Email: _____

Owner Address: _____
Street City State Zip

Contractor Business Name: _____

Contractor Business Address: _____
Street City State Zip

Phone: _____ Email: _____

Architect/Engineer Company Name: _____ Phone: _____ Email: _____

Architect/Engineer Company Address: _____
Street City State Zip

Architect/Engineer Contact Name: _____

The Applicant/Owner hereby certifies that the statements made herein and representatives 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

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: _____

ELECTRICAL PERMIT APPLICATION CHECKLIST

MOON TOWNSHIP, 1000 BEAVER GRADE RD, MOON TOWNSHIP, PA 15108 412-262-1700

<input type="checkbox"/>	FILL OUT AND SIGN THE "ELECTRICAL PERMIT APPLICATION" FORM.
<input type="checkbox"/>	FILL OUT AND CALCULATE FEE ON THE "ELECTRICAL PERMIT FEE WORKSHEET".
<input type="checkbox"/>	ADD UP ALL FEES IN THE COLUMN TO THE TOTAL FEE
<input type="checkbox"/>	FEE CHECK FOR TOTAL AMOUNT MADE TO "MOON TOWNSHIP".
<input type="checkbox"/>	SUBMIT "ELECTRICAL PERMIT APPLICATION" AND "ELECTRICAL PERMIT FEE WORKSHEET" AND FEE PAYMENT CHECK MADE TO MOON TOWNSHIP ALL IN HARD COPY TO THE MOON TOWNSHIP OFFICE
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

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- Electrical permit fee check must be submitted together with the Electrical Permit Application and the Electrical Permit Fee Worksheet.
 - Contact the electrical inspector to schedule electrical inspections at, Electrical Inspector, John Panek, 412-974-5445.

TOWNSHIP OF MOON

1000 Beaver Grade Road, Moon Township, PA 412-262-1700

SOLAR ARRAY ELECTRICAL PERMIT FEE WORKSHEET

All Electrical Permit Applications **MUST** include this worksheet and a payment fee check, made to **Moon Township**, in the total amount calculated.

Job Address _____

Residential Solar Array Electrical Fees	Qty		Fee	Total
1. Solar array battery backup, power wall (Each)		X	\$100	
2. Photo Voltaic Systems		X	\$350	
Flat State Fee				\$4.50
Submit this amount for residential, check made to Moon Township.				Total

Commercial Solar Array Electrical Fees	Qty		Fee	Total
1. Solar array battery backup, power wall (Each)		X	\$100	
2. Photo Voltaic Systems- (Up to 50kW)		X	\$450	
Over 50 kW, Submit Design Details and Moon Township Will Review And Inform You Of The Total Fee				
Flat State Fee				\$4.50
Flat Township Fee				\$25.00
Submit this amount for commercial, check made to Moon Township.				Total

TOWNSHIP OF MOON

Permit No. _____

1000 Beaver Grade Road, Moon Township, PA

ELECTRICAL PERMIT APPLICATION

Job Address _____

Subdivision _____ Lot No. _____

Applicant _____ Applicants Phone No. _____

Applicants email _____

Property Owners Name _____ Property Owners Phone No. _____

Occupants Name _____ Occupants Phone No. _____

Electrician's Name _____ Electrician's Phone No. _____

Electrician's Address _____ City _____

Type of Improvement

☐ New Construction ☐ Addition ☐ Alteration ☐ Other _____

Description of Work _____

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.

Sign and Print Name _____ Date _____

Applicant

Call Electrical Inspector to schedule your inspection - Electrical Inspector - John Panek 412-974-5445

*****All Electrical Permit Applications MUST be accompanied with the completed Electrical Permit Fee Worksheet and a check made payable to "Township of Moon" *****

Official Use Only

Permit Fee

Check No./ Receipt No.

Permit Approved by

August 2022

*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.

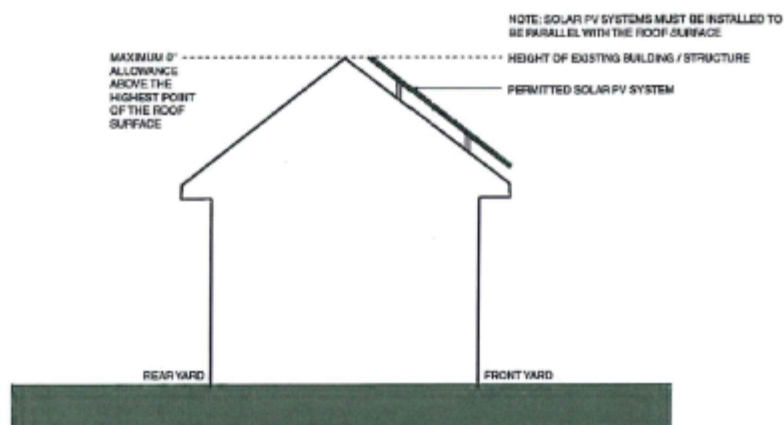
B. Design and Installation.

- (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.

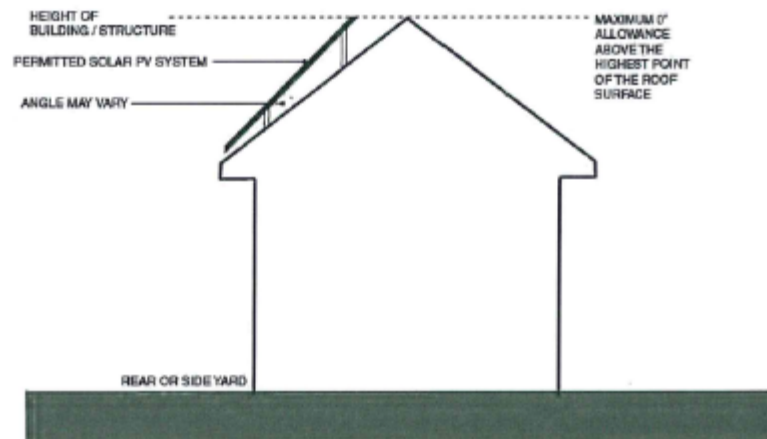
- (1) For a building-mounted solar system installed on a sloped roof that faces the front yard of a lot, the system must be installed at the same angle as the roof on which it is installed with a maximum distance, measured perpendicular to the roof, of 18 inches between the roof and highest edge or surface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

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



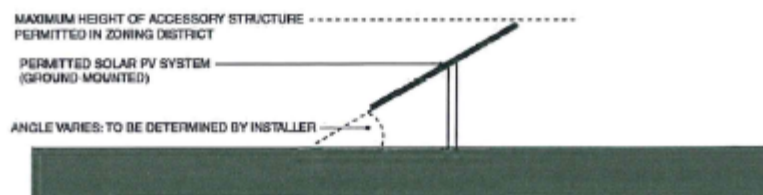
- (2) For a building-mounted solar system installed on a sloped roof, the highest point of the system shall not exceed the highest point of the roof to which it is attached.

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.