

Town of Denmark  
62 East Main Street  
Denmark, ME 04022  
Code Enforcement Office  
207-452-2207

Permit No.	_____
Issue Date	_____
Map/Lot	_____
Permit Fee	_____

## Personal Solar Application

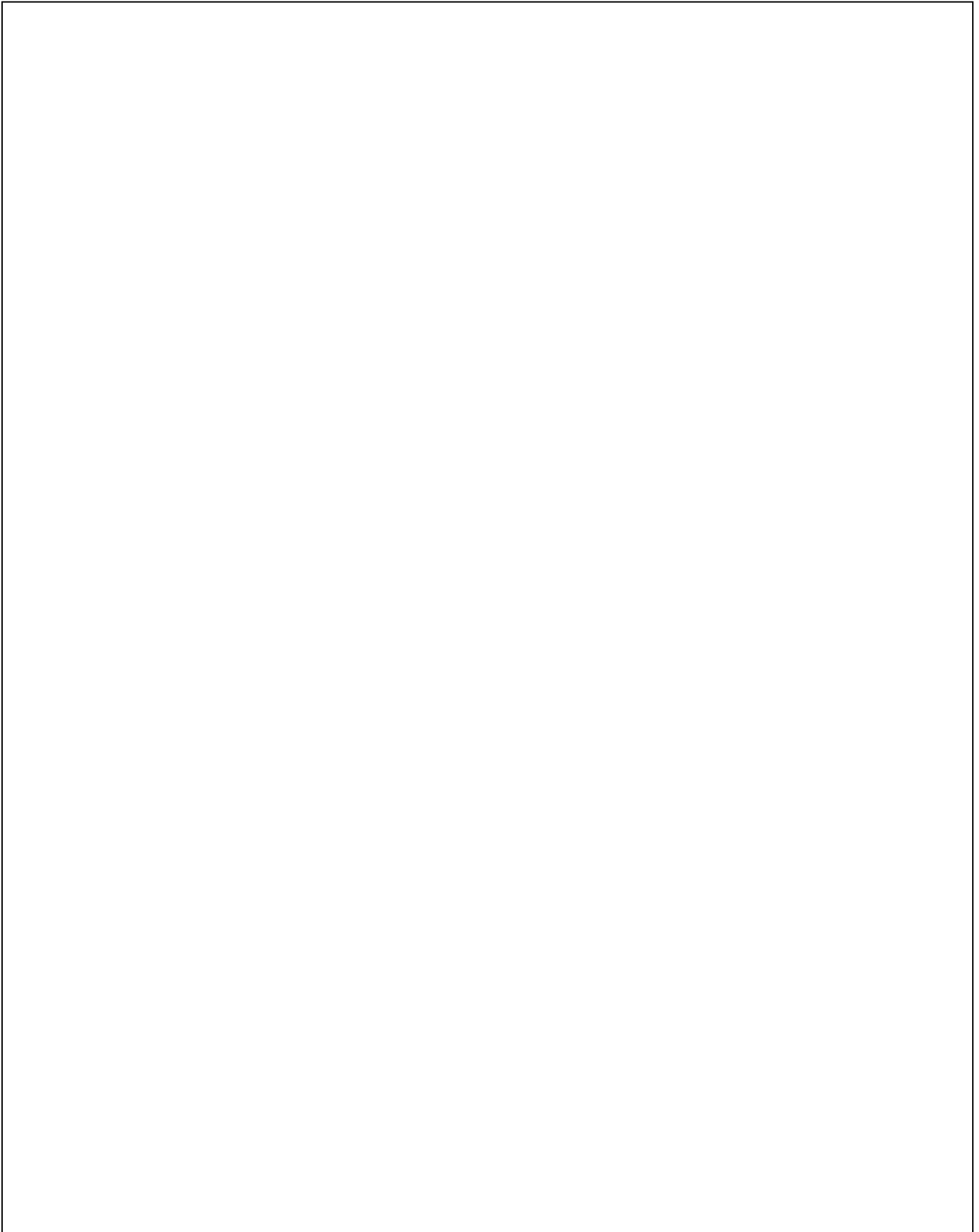
1. Property Owner		2. Property Owner's Phone	
3. Property Owner's Address		4. Property Owner's Email	
5. Property Address _____		6. Map _____ Lot _____	
7. Contractor	8. Contractor's Phone	9. Zoning Rural <input type="checkbox"/> Village <input type="checkbox"/> Aquifer Protection <input type="checkbox"/> Resource Protection <input type="checkbox"/> Shoreland Zoning <input type="checkbox"/>  Shoreland Zoning Water Body _____ ME DEP Certification # _____	
10. Contractor's Address			
11. Project Description:			
12. Ground Mounted or Roof Mounted:	_____		
13. Number of Panels:	14. Wattage:	15. Square Footage:	
_____	_____	_____	

\_\_\_\_\_  
Applicant Signature

\_\_\_\_\_  
Date

## Plot Plan

Please include all setback distances from property boundaries and right of ways, buffers, all wetlands and water bodies, including streams, wells, and septic systems. Include a minimum of 100 feet from the shoreland zone setback or flood elevations if applicable. Show all proposed decks, porches, and additions. **The property owner and/or contractor is responsible for depicting measurements on this plan as true and accurate.**

A large, empty rectangular box with a thin black border, intended for the plot plan drawing. It occupies the majority of the page below the instructions.

**Other documents that may be required based on the type of proposed work:**

	Written Erosion and Sedimentation Plan, required for work in Shoreland Zone.

**For Office Use:**

Your Application for Personal Solar Permit has been:

**Granted** \_\_\_\_\_ **Fee Calculated: \$50**

**Denied** \_\_\_\_\_

Reason for denial: \_\_\_\_\_

\_\_\_\_\_

Applicant needs approval by Planning Board for : \_\_\_\_\_

Signature of Code Enforcement Officer: \_\_\_\_\_

INSERT FROM

**ZONING ORDINANCE  
OF THE MUNICIPALITY OF  
DENMARK, MAINE  
ENACTED JUNE 10, 1974  
AMENDED JUNE 01, 2024**

• **Solar Energy Systems.**

5.16.1. Purpose.

5.16.1.1. The purpose of this Section is to regulate the installation of solar energy systems by providing standards for the siting, design, construction, operation, monitoring, modification, and removal of such facilities, and to address public safety.

5.16.1.2. Where conflicts exist between this Section (5.16. Solar Energy Systems) and this Ordinance or other Municipality of Denmark regulations, this Section shall control except for

conflicts associated with the Shoreland District or Resource Protection District where the most restrictive provisions shall control.

#### 5.16.2. Personal Scale Solar Energy Systems – General.

5.16.2.1. Personal Scale Solar Energy Systems, both Minor and Major, are accessory to the principal use on the parcel, consist of one or more free-standing ground, or roof or wall mounted solar collector devices or solar related equipment, and are intended to primarily reduce on-site consumption of utility power or fuels and may be used to reduce the on-site consumption of utility power or fuels on immediately adjacent lots except for lots located in the Shoreland District or Resource Protection District where they must be designed for existing or permittable uses within the district. The sale and/or distribution of excess energy to a public utility for distribution shall be incidental to Personal Scale Solar Energy Systems and shall not be its primary purpose.

5.16.2.2. PSSES constructed prior to the effective date of this Ordinance shall not be required to meet the terms and conditions of this Ordinance except if they are located in the Shoreland District or Resource Protection District they must meet the requirements of those districts. Any physical modification to an existing PSSES whether or not existing prior to the effective date of this Ordinance that materially alters the PSSES shall require approval under this Ordinance. Routine maintenance or like-kind replacements do not require a building permit.

5.16.2.3. All PSSES shall be subject to the requirements of this Ordinance and shall require a building permit from the Code Enforcement Officer except as follows for PSSES not located in a Shoreland District or a Resource Protection District:

5.16.2.3.1. PSSES with an aggregate collection and/or focusing area of 100 square feet or less are exempt from this Ordinance except that minimum yard setbacks shall apply and shall be equivalent to the principal structure setback in the underlying zoning District for systems of 10 square feet or more.

5.16.2.3.2. PSSES with an aggregate collection and/or focusing area of 100 square feet or less do not require a building permit.

#### 5.16.3. Personal Scale Solar Energy Systems - Minor (PSSES-Minor).

5.16.3.1. PSSES-Minor are Solar Energy Systems having an aggregate maximum power rating of not more than 20KWdc and an aggregate collection or focusing area of not more than 1,200 square feet on any one lot. PSSES-Minor shall be permitted as a use by right in all zoning Districts except in the Shoreland District or Resource Protection District they shall be permitted as a use subject to the terms and conditions of the Ordinance.

5.16.3.2. All PSSES-Minor shall be placed such that concentrated solar radiation or glare does not project anywhere off site.

5.16.3.3. Any noise produced by any PSSES-Minor shall be inaudible anywhere off site.

5.16.3.4. Roof and Wall Mounted PSSES-Minor:

5.16.3.4.1. A roof mounted or wall mounted PSSES-Minor may be located on a principal or accessory building.

5.16.3.4.2. The total height of a building with a PSES-Minor shall not exceed the maximum building height specified for principal or accessory buildings within the underlying zoning District.

5.16.3.4.3. Wall mounted PSES-Minor shall comply with the setbacks for principal and accessory structures in the underlying zoning Districts.

5.16.3.4.4. Solar panels shall not extend beyond any portion of the roof or wall edges.

5.16.3.5. Ground Mounted PSES – Minor:

5.16.3.5.1. Ground mounted PSES-Minor shall comply with the setbacks for principal and accessory structures in the underlying zoning Districts.

5.16.3.5.2. The height of ground mounted PSES-Minor solar panels and related equipment and supports shall not exceed the height requirements of the underlying zoning District.

5.16.3.5.3. The minimum height of ground mounted PSES-Minor solar panels shall be 4 feet.

5.16.3.5.4. Ground mounted PSES-Minor shall not be placed within any legal easement or right-of-way location or be placed within any stormwater conveyance system or in any other manner that would alter or impede storm- water runoff from collecting in a constructed stormwater conveyance system.

5.16.4. Personal Scale Solar Energy Systems - Major (PSES-Major).

95.16.4.1. PSES-Major are Solar Energy Systems having have an aggregate maximum power rating of more than 20KWdc and/or an aggregate collection or focusing area of more than 1,200 square feet on any one lot. PSES-Major are limited to an aggregate maximum power rating of not more than 40KWdc and/or an aggregate collection or focusing area of not more than 2,400 square feet. PSES having have an aggregate maximum power rating of 40KWdc or more and/or an aggregate collection or focusing area of 2,400 square feet or more shall be processed as LSES excepting provisions

related to sale and/or distribution of excess energy for distribution off site.

5.16.4.2. All PSES-Major shall be permitted as a use by right in all zoning Districts except in the Shoreland or Resource Protection District they shall be permitted as a use subject to the terms and conditions of the Ordinance and shall require a building permit from the Code Enforcement Officer.

5.16.4.3. Upon completion of installation, the PSES-Major shall be maintained in good working order. Failure of the operator or property owner to maintain the PSES-Major in good working order is grounds for appropriate enforcement actions pursuant to Section 8.1. of this Ordinance. Enforcement may include orders for decommissioning and removal.

5.16.4.4. All on-site utility transmission lines shall be placed underground.

5.16.4.5. The operator or landowner of a PSES-Major shall provide, as part of the application filed with the Code Enforcement Officer, written confirmation that, if a connection is planned, the utility company to which the PSES-Major will be connected has