

# **Town of Walpole**

## **Residential Solar Building Permit Requirements**

Issue Date: April 4, 2019

**1.0 Authority:** Section 674:51 - Power to Amend State Building Code and Establish Enforcement Procedures.

**2.0 Applies To:** This document applies only to those zones that allow up to two dwelling units located in Walpole and Drewsville. It does not apply to properties located in North Walpole.

### **3.0 Definitions**

3.1 Solar Photovoltaic System (SES): A solar collection system consisting of one or more building systems, solar photovoltaic cells, panels, arrays and solar related equipment that rely upon solar radiation as an energy source for collection, inversion storage and distribution of solar energy for electricity generation.

3.2 Solar Arrays: Means a group of solar panels connected.

3.3 Roof Mounted Solar Photovoltaic Systems (RMSES): Solar photovoltaic system attached to any part or type of roof on a building or structure that generates electricity.

3.4 Free Standing Solar Photovoltaic System (FSSSES): A pole, frame or ground mounted solar photovoltaic energy system that generates electricity.

### **4.0 General Standards**

4.1 SES's are permitted in zones that allow less than two dwelling units located in Walpole and Drewsville under the following conditions:

4.1.1 All setbacks as defined in the Walpole Zoning Ordinance must be adhered to.

4.1.2 Roof Mounted Solar Photovoltaic Systems (RMSES) are encouraged whenever possible or practical.

4.1.3 All electrical work must be performed by a licensed master electrician.

4.1.4 Whenever possible or practical Free Standing Solar Photovoltaic Systems should be positioned with a high consideration to neighboring properties.

4.5.5 Use of natural materials for screening from neighboring or road view(s) is encouraged

4.5.6 Use of anti-glare panels is required.

5.1.7 FSSSES's should be properly mounted to withstand weather conditions.

4.1.8 The maximum size of the SES should allow the generation of enough electricity to allow the property to be net metered to zero or slightly larger to allow for additional electric uses.

4.1.9 Lighting must conform to Section VIII:5 of Walpole Site Plan Review

## 5.0 Documentation

5.1 The following documents are to be submitted with building permit application:

5.1.1 Layout of property showing the position of the SES's and all related equipment.

5.1.2 Layout of property showing the position of the SES's as it relates to neighboring properties. Including screening of SES's as required.

5.1.3 Copy of a contract(s) with installer and licensed master electrician name and address. This information may be verified by the Selectboard Office.

5.1.4 Copy of approval by Zoning Board of Adjustment if required.

5.1.5 Evidence that panels are anti-glare.

5.1.6 Manufacturers specification sheet for lighting if applicable.

## 6.0 Fees/Approval Time

6.1 Fees will be in accordance with current building permit fee schedule.

6.2 Allow 2-3 weeks from time of application for approval of permit.

Approved by: Town of Walpole, NH Selectboard

  
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