

**Planning & Code Enforcement**

2 York Street

Westbrook, Maine 04092

Phone: 207-854-0638

Fax: 866-559-0642

SOLAR ENERGY SYSTEMS PERMIT
APPLICATION

Job Site Address: _____

Property Owner Name: _____ Phone: _____

Electrician Name: _____ Phone: _____

Electrician License #: _____ License Expiration: _____

CMP Work Order #: _____

Description of Work: _____

APPLICANT☐ OWNER ☐ ELECTRICIAN DATE: _____

Applicant Signature: _____ Print Name: _____

Address: _____ E-Mail: _____

NO WIRING SHALL BE COVERED OR CONCEALED UNTIL IT HAS BEEN INSPECTED AND APPROVED***NOTIFICATION FOR INSPECTION MUST BE GIVEN AT LEAST 24 HOURS IN ADVANCE******48 HOURS IN ADVANCE FOR COMMERCIAL INSPECTIONS***

This permit shall serve as the Electrical and Building permit review for Solar Energy Systems.

ROOF MOUNTED SOLAR ARRAYS REQUIRE AN ENGINEER STAMP LETTER CERTIFYING THE EXISTING ROOF STRUCTURE CAN SUPPORT THE ADDED LOAD OF THE SOLAR PANEL INSTALLATION IN ACCORDANCE WITH THE STATE ADOPTED BUILDING CODE AND 60 PSF SNOW LOAD.

GROUND MOUNTED SOLAR ARRAYS SHALL PROVIDE SITE LOCATION PLAN

COMMERCIAL PROJECTS REQUIRE ENGINEER STAMPED ELECTRICAL PLAN.

INSTALLATION	# OF UNITS	FEE DESCRIPTION (APPLICATION FEE \$50.00)	FEE
SOLAR PANELS (PROVIDE # of KILOWATTS IN # OF UNITS)		APP. FEE + \$1.25 PER KW	
		FEE TOTAL:	

PHOTOVOLTAIC: Firefighter access to the ridge

Though firefighting practices differ from district to district, the concept of venting and controlling the smoke and heat of a structure fire is universal. Fighting fire requires managing smoke and air, and that means controlling and creating openings. Often firefighters will ascend to the ridge of a roof to cut a hole and vent the smoke. Doing so provides a way for the smoke to exit a room and allow for a rescue operation. It takes enough bravery to scale the roof of a burning home, and putting solar panels in the way just increases the danger.

To provide the most effective panel arrangement possible, while still providing a path for firefighters, the code gets a little complicated and specific:

NFPA-1, 2018

11.12.2.2.2 One- And Two-Family Dwellings and Townhouses

Photovoltaic systems installed in one- and two-family dwellings and townhouses shall provide roof access in accordance with 11.12.2.2.2. Designation of ridges shall not apply to roofs with 2 in 12 or less pitch.

11.12.2.2.2.1 Pathways

Not less than two 36 in. (914 mm) wide pathways on separate roof planes, from gutter to ridge, shall be provided on all buildings. One pathway shall be provided on the street or driveway side of the roof. For each roof plane with a PV array, a 36 in. (914 mm) wide pathway from gutter to ridge shall be provided on the same roof plane as the PV array, on an adjacent roof plane or straddling the same and adjacent roof planes. Pathways shall be located in areas with minimal obstructions such as vent pipes, conduit, or mechanical equipment.

11.12.2.2.2.2

For PV arrays occupying up to 33 percent of the plan view roof area, a minimum 18 in. (457 mm) pathway shall be provided on either side of a horizontal ridge. For PV arrays occupying more than 33 percent of the plan view roof area, a minimum of 36 in. (914 mm) pathway shall be provided on either side of a horizontal ridge

