



Application and Checklist for Roof Mounted Residential Solar Panels

Project Information:

Property Owner Name:			
Project Address:		Phone:	
Contractor Name		Registration #	
Contractor Phone:			
PV system description		Mfg /model # of major equip:	

Per WAC 51-51-2300, if the answer to the following questions is “yes” a building permit will be issued for simple (10-15kw output) PV systems without further engineering.

Section M2302.2.1 – Where solar panels are installed on roofs, the roof structure shall be deemed adequate to support the load of the rooftop if all of the following are met:

	Yes	No
1. PV system is designed and proposed for a single family or detached accessory structure	<input type="checkbox"/>	<input type="checkbox"/>
2. Will the photovoltaic panels and modules and supporting structure shall be constructed of noncombustible materials or fire-retardant treated wood equivalent to that required for the roof construction. The installation shall meet the requirements of the International Fire Code as amended by WA State. PV modules are listed and labeled with a fire classification in accordance with UL 1703	<input type="checkbox"/>	<input type="checkbox"/>
3. The PV system is designed for the wind speed of the local area and will be installed per the manufacturer’s specifications.	<input type="checkbox"/>	<input type="checkbox"/>
4. The ground snow load does not exceed 70 pounds per square foot. The PV system is designed for the wind speed of the local area, and will be installed per the manufacturer’s specifications.	<input type="checkbox"/>	<input type="checkbox"/>
5. Total dead load of modules, supports, mountings, raceways and all other appurtenances weigh no more than four pounds per square foot. Enter total dead load of system (lbs/ft ²):	<input type="checkbox"/>	<input type="checkbox"/>
6. Supports for solar modules are installed to spread the dead load across as many roof-framing members as needed to ensure that no point load exceeds fifty (50) pounds. Modules are mounted no higher than 18” above the surface of the roofing to which they are affixed and do not exceed the highest point of the roof unless approved by the local jurisdiction.	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: If site inspection indicates a concern that the roof structure is not adequate to support the PV module(s), engineering may be required prior to final of the permit.

As the property owner or authorized representative of the above listed property, I attest that all information in this checklist is accurate to the best of my knowledge.

Applicant Signature:	Date:
Applicant Name (Please Print):	
Relationship to Property Owner:	