



# RESIDENTIAL PHOTOVOLTAIC PERMIT APPLICATION

CITY OF EVERETT PERMIT SERVICES

SUBMITTAL INSTRUCTIONS: Email application to PermitServices@everettwa.gov or drop off at 3200 Cedar Street 2nd Floor Drop Box

CONTACT INFORMATION: (P) 425-257-8810 | (E) PermitServices@everettwa.gov | (W) everettwa.gov/permits

## PROJECT SITE INFORMATION

PROJECT ADDRESS:	PARCEL #:
BUILDING TYPE: <input type="checkbox"/> SFR-DETACHED <input type="checkbox"/> SFR-ATTACHED / TOWNHOUSE <input type="checkbox"/> DUPLEX	

## CONTACT INFORMATION

OWNER NAME:	
CONTRACTOR NAME:	
CONTRACTOR LIC. #(REQUIRED):	CITY OF EVERETT BUSINESS LIC. #(REQUIRED):
PRIMARY CONTACT: <input type="checkbox"/> OWNER <input type="checkbox"/> CONTRACTOR <input type="checkbox"/> OTHER (Please Specify) _____	
CONTACT NAME:	CONTACT PHONE:
	CONTACT EMAIL:

## SOLAR PANEL APPLICATION INFORMATION

PV SYSTEM DESCRIPTION (include manufacturer and model, # of PV modules and inverters):

## BUILDING PERMIT CHECKLIST

DETERMINE IF YOUR PROJECT QUALIFIES FOR AN OVER-THE-COUNTER BUILDING PERMIT: <i>If you answer yes to all of the below questions, the project qualifies for an over-the-counter building permit.</i>	YES	NO
1. PV system is designed and proposed for a detached one- or two-family dwelling or townhouse not more than three stories above grade or detached accessory structure that is code compliant to setbacks and height, or code allows expansion of nonconformity for solar modules. [IRC 101.2]	<input type="checkbox"/>	<input type="checkbox"/>
2. Modules on pitched roofs do not exceed the highest point of the roof unless approved by the local jurisdiction.	<input type="checkbox"/>	<input type="checkbox"/>
3. Rooftop is made from lightweight material such as a single layer of composition shingles, metal roofing, lightweight masonry, or cedar shingles.	<input type="checkbox"/>	<input type="checkbox"/>
4. The installation shall comply with the manufacturer's instructions. [IRC M2302.2]	<input type="checkbox"/>	<input type="checkbox"/>
5. The installation shall meet the requirements of NFPA 70 National Electric Code, and all required electrical permit(s) must be obtained from the Authority having Jurisdiction to administer the electrical code. [IRC M2302.2]	<input type="checkbox"/>	<input type="checkbox"/>
6. The installation shall meet the requirements of the International Fire Code as amended by WA State. [IRC M2302.2]	<input type="checkbox"/>	<input type="checkbox"/>
7. The PV system is designed for the wind speed of the local area, and will be installed per the manufacturer's specifications. [IRC M2302.2.1(1)]	<input type="checkbox"/>	<input type="checkbox"/>
8. The ground snow load does not exceed 70 pounds per square foot. [IRC M2302.2.1(1)]	<input type="checkbox"/>	<input type="checkbox"/>
9. The total dead load of modules, supports, mountings, raceways, and all other appurtenances weigh no more than four pounds per square foot. [IRC M2302.2.1(3)]. Enter total dead load of system (lbs/sq.ft.): _____	<input type="checkbox"/>	<input type="checkbox"/>
10. To address uplift, modules are mounted no higher than 18" above the surface of the roofing to which they are affixed. [IRC M2302.2.1(4)]	<input type="checkbox"/>	<input type="checkbox"/>
11. 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. [IRC M2302.2.1(5)]	<input type="checkbox"/>	<input type="checkbox"/>
12. The photovoltaic modules and supporting structure shall be constructed of noncombustible materials or fire-retardant treated wood equivalent to that required for the roof construction. [IRC M2302.2.1]	<input type="checkbox"/>	<input type="checkbox"/>
13. Roof and wall penetrations shall be flashed and sealed to prevent entry of water, rodents, and insects. [IRC M2302.2.2]	<input type="checkbox"/>	<input type="checkbox"/>
14. PV modules are listed and labeled with a fire classification in accordance with UL 1703. [IRC M2302.2.3]	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

**PLEASE FILL OUT A CITY OF EVERETT BUILDING PERMIT APPLICATION IF YOU QUALIFY FOR AN OTC BUILDING PERMIT.**

City of Everett Official Use Only

ASSOCIATED BUILDING PERMIT #
<b>B</b>

(Revised 4/21/2022)



# RESIDENTIAL PHOTOVOLTAIC PERMIT APPLICATION

CITY OF EVERETT PERMIT SERVICES

**EVERETT**  
WASHINGTON

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## ELECTRICAL PERMIT CHECKLIST

DETERMINE IF YOUR PROJECT QUALIFIES FOR AN OVER-THE-COUNTER ELECTRICAL PERMIT: <i>If you answer yes to all of the below questions, the project qualifies for an over-the-counter electrical permit.</i>			YES	NO
1. PV modules, inverters, and combiner boxes are identified for use in PV systems.	<input type="checkbox"/>	<input type="checkbox"/>		
2. The inverters are listed and laveled in accordance with UL 1741 and are listed for utility interaction. [IRC M2302.4]	<input type="checkbox"/>	<input type="checkbox"/>		
3. The AC interconnection point is on the load side of service disconnect. [NEC 690.64(B)]	<input type="checkbox"/>	<input type="checkbox"/>		
4. The system meets all current NEC, City, and Washington Cities Electrical Code requirements.	<input type="checkbox"/>	<input type="checkbox"/>		
5. For Split-Buss modules the AC interconnection must be one of the six service disconnects.	<input type="checkbox"/>	<input type="checkbox"/>		
6. Maximum load added to the panel board is vased on the rating of the panelboards bus/main OCPD combination in accordance with NEC 705.12(D)(2)(3)(b), and is limited to ( <i>check the combination below that applies</i> ): <ul style="list-style-type: none"> <li><input type="checkbox"/> 225amp bus/200amp main OCPD-13,400AC watts, max. 70amp inverter OCPD.</li> <li><input type="checkbox"/> 225amp bus/225amp main OCPD-8,640AC watts, max. 45amp inverter OCPD.</li> <li><input type="checkbox"/> 200amp bus/200amp main OCPD-7,860AC watts, max. 40amp inverter OCPD.</li> <li><input type="checkbox"/> 150amp bus/150amp main OCPD-5,760AC watts, max. 30amp inverter OCPD.</li> <li><input type="checkbox"/> 125amp bus/125amp main OCPD-4,800AC watts, max. 25amp inverter OCPD.</li> <li><input type="checkbox"/> 125amp bus/100amp main OCPD-9,600AC watts, max. 50amp inverter OCPD.</li> <li><input type="checkbox"/> 100amp bus/100amp main OCPD-3,840AC watts, max. 20amp inverter OCPD.</li> <li><input type="checkbox"/> Other Electrical Permit with Plan Review Required:</li> </ul> <p><b>Note 1:</b> Listed un-altered factory main/bus combination. Alteration of the panelboard main OCPD will require plan review.</p> <p><b>Note 2:</b> The circuit conductors and overcurrent devices shall be sized to carry not less than 125 percent of the maximum currents as calculated in 690.8(A). The rating or setting of overcurrent devices shall be permitted in accordance with 240.4(B) and (C). [NEC 690.8(B)(1)]</p> <p><b>Note 3:</b> If a panelboard employs a snap switch rated 30 amperes or less in any branch circuit, it cannot be rated more than 200 amperes unless there is a supply side overcurrent protection at 200 amperes or less within the panelboard. This requirement does not apply to panelboards equipped with circuit breakers. Section 408.36(a) of the NEC.</p>				
7. I have attached the following Electrical One-Line Diagram: <ul style="list-style-type: none"> <li><input type="checkbox"/> Standard Electrical Diagram - 6 Strings or Less</li> <li><input type="checkbox"/> Standard Electrical Diagram - 4 Strings or Less</li> <li><input type="checkbox"/> Standard Electrical Diagram - Micro Inverter</li> <li><input type="checkbox"/> None of the above - Electrical Permit with Plan Review Required</li> </ul>				

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AGREEMENT: I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be completed whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction. That I am authorized by the owner of this property to perform the work for which application is made and I comply with the State Contractors Law 18.27 RCW and 296.200 WAC.

City of Everett Official Use Only

ASSOCIATED ELECTRICAL PERMIT #
<b>E</b>

Owner/Authorized Agent Signature

Date

(Revised 4/21/2022)