



Electrical Renewable Energy Permit Application

City of Ashland Building Division
 51 Winburn Way, Ashland OR 97520
 (541) 488-5305 www.ashlandoregon.gov

This permit application expires if a permit is not obtained within 180 days after it has been accepted as complete.

Type of work	
<input type="checkbox"/> New Construction	<input type="checkbox"/> Addition/Alteration/Replacement
<input type="checkbox"/> Demolition	<input type="checkbox"/> Other:
Category of construction	
<input type="checkbox"/> 1 & 2 family dwelling	<input type="checkbox"/> Commercial/Industrial
<input type="checkbox"/> Multi-family	<input type="checkbox"/> Master Builder
<input type="checkbox"/> Accessory Buidling	<input type="checkbox"/> Other:
Job site information and location	
Job address:	
City/State/Zip:	
Suite/Bldg/Apt no.:	Project Name:
Subdivision:	Tax Map/Parcel no.:
Description of work	
Provide RS permit no.	
<input type="checkbox"/> Property owner <input type="checkbox"/> Tenant	
Name:	Email:
Address:	
City/State/Zip:	
Phone:	Fax:
If owner installation: This installation is being made on property that I own, which is not intended for sale, lease, rent, or exchange.	
Owner signature:	Date:
<input type="checkbox"/> Contractor <input type="checkbox"/> Subcontractor	
Business name:	Email:
Address:	
City/State/Zip:	
Phone:	Fax:
Elec.lic.no.	CCB lic.no.
Supervising Electrician	
Signature required: _____	
Print name:	License no.
Authorized signature: _____	
Print name:	Date:
<input type="checkbox"/> Applicant <input type="checkbox"/> Contact Person	
Business name:	
Contact name:	
Address:	
City/State/Zip:	
Phone:	Fax:
E-mail:	

Fee Schedule				
Description	Qty.	Fee	Total	**
Renewable energy installation per system total				
5 kva or less		\$ 102.60		2
5.01 to 15 KVA		\$102.60		2
15.01 to 25 KVA		\$160.05		2
>25 KVA + \$6.45 each addt		\$ 160.05		2
Wind generation systems in excess of 25 KVA:				
25.01 to 50 KVA		\$209.30		
50.01 to 100 KVA		\$481.19		
100.01 and up		See OAR 918.309.0040		
Miscellaneous				
Describe:				
Hourly rate:		\$ 92.35		
Each additional inspection				
Per inspection		\$ 92.35		
Investigation fee				
Other				
Permit fees				
Electrical Permit Subtotal			\$	

Structural Valuation for Racking System:	\$
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Subtotal of Permit Fees	\$
Plan review (25% of permit fee)	\$
State surcharge (12% of permit fee)	\$
TOTAL PERMIT FEE	\$

RS Combo Permit/No Fees Due:



Prescriptive Rooftop-Mounted Solar Photovoltaic Installation Checklist — Commercial

Building department: City of Ashland

Use this checklist to demonstrate compliance with the prescriptive rooftop-mounted photovoltaic (PV) system installation requirements of the Oregon Structural Specialty Code. Separate electrical permits are required for these installations. Refer to OAR 918-050-0180.

PART I – PROPERTY OWNER INFORMATION

Property owner name:		Phone number:
Installation address:		
City:	State: Oregon	ZIP:
Structure description:		

PART II – CONTRACTOR INFORMATION

Contractor's name:		Phone number:
Email address:		
BCD license #:	CCB license #:	

PART III – STRUCTURAL CRITERIA

Check the appropriate boxes for each item as it applies to the project.

If "No" is selected for any item below, or if the supporting structure is a manufactured dwelling, the project **may not** be submitted using the prescriptive path.

- Structure is Risk Category I or II (Section 1604.5): Yes No
- Structure is of conventional light-frame construction: Yes No
- Supporting roof framing is one of the following: Yes No
 (check one)
 - Pre-engineered trusses are spaced less than or equal to 24 inches on center (o.c.); **or**
 - Rafters are spaced less than or equal to 24 inches o.c. and spans comply with 3111.3.5.3 Items 1.5 and 1.6
- Ground snow load does not exceed 50 pounds per square foot (psf)
 (or 70 psf for Group U occupancy structures): Yes No
- Basic design wind speed does not exceed the following: Yes No
 (check one)
 - 120 mph in Wind Exposure Category C; **or**
 - 135 mph in Wind Exposure Category B
- Roofing materials are metal, single-layer-wood shingles or shakes, or
 not more than two layers of composition shingle: Yes No
- Total weight of the PV panel system, including modules and racking,
 will not exceed 4.5 psf: Yes No
- Module height will be no more than 18 inches from the top of the module to the roof surface
 and comply with Figures 3111.3.5.3(2) and 3111.3.5.3(3) accordingly: Yes No

(continued)

PART III – STRUCTURAL CRITERIA (continued)

- PV modules or racking will be attached to the roof using one of the following methods: Yes No
(check one)

Attachment Method 1

1. Direct attachment to the **roof framing or blocking; and**
2. Attachment spacing
 - a. Less than or equal to 24 inches in any direction; **or**
 - b. Greater than 24 inches and less than or equal to 48 inches in any direction where **all** of the following exist:
 1. Ground snow load is less than or equal to 36 psf.
 2. Attachments are not located within 3 feet of a roof edge, hip, eave, or ridge.
 3. Basic design wind speed
 - a. Less than or equal to 120 mph in Wind Exposure Category B **or**
 - b. Less than or equal to 110 mph in Wind Exposure Category C.

Attachment Method 2

1. Direct attachment to **standing seam metal roofing panels; and**
2. Attachment clamps comply with all of the following requirements:
 - a. Allowable uplift capacity of the clamps is not less than:
115 pounds, where clamp spacing is greater than or equal to 48 inches o.c.; **or**
75 pounds, where clamp spacing is less than 48 inches o.c.
 - b. Clamp spacing along a panel seam will be greater than or equal to 24 and less than or equal to 60 inches o.c.
 - c. Parallel to seam clamp spacing multiplied by the perpendicular clamp spacing will be less than or equal to 10 square feet.
3. The metal roofing panels comply with all the following requirements:
 - a. Panel thickness is minimum 26-gauge steel.
 - b. Panel width is less than or equal to 18 inches.
 - c. Attached with minimum #10 screws at 24 inches o.c.
 - d. Installed over minimum ½-inch nominal wood structural panel sheathing that is fastened to framing with 8d nails at 6 inches o.c. at panel edges and 12 inches o.c. field nailing.

PART IV – ROOF FRAMING PLAN

Provide and attach a simple plan showing the roof framing members (type, size and spacing) and PV system racking attachment points in accordance with the local municipality’s submittal requirements. The proposed system must be shown in sufficient detail to assess whether the prescriptive installation requirements of Section 3111.3.5.3 will be met.

PART V – PV MODULES

Manufacturer:

Model number:

Listing agency:

PART VI – LOCATIONS AND PATHWAYS

Provide and attach a site plan in accordance with the municipality’s submittal requirements, showing the location of the proposed PV array(s) on the building(s) and the required firefighter access and escape pathways. The proposed system must be shown in sufficient detail to assess whether the location and pathway requirements of Sections 3111.3.4.1 through 3111.3.4.8 will be met. (ref. <https://www.oregon.gov/bcd/codes-stand/Documents/techb-solarpv-pathways.pdf>).