



Building Permit Application
City of Portland, Oregon - Bureau of Development Services

1900 SW 4th Avenue, Portland, Oregon 97201 • 503-823-7310 • TTY 503-823-6868 • www.portlandoregon.gov/bds

Type of work		
<input type="checkbox"/> New construction	<input checked="" type="checkbox"/> Addition/alteration/replacement	
<input type="checkbox"/> Demolition	<input type="checkbox"/> Other:	
Category of construction		
<input checked="" type="checkbox"/> 1 & 2 family dwelling	<input type="checkbox"/> Commercial/industrial	<input type="checkbox"/> Accessory building
<input type="checkbox"/> Multifamily	<input type="checkbox"/> Master builder	<input type="checkbox"/> Other:
Job site information and location		
Job no.:	Job address: <u>6831 SE 48th Ave</u>	
City/State/ZIP: <u>Portland OR</u>	<u>97206</u>	
Suite/bldg./apt. no.:	Project name: <u>Leogh, DANI</u>	
Cross street/directions to job site:		
Subdivision:	Lot no.	Tax map/parcel no.
Description of work		
<u>P.V. Roof Mount System</u>		
Provide RS Permit no.		
<input checked="" type="checkbox"/> Property owner <input type="checkbox"/> Tenant		
Name: <u>Leogh, Dani</u>	E-mail: <u>drocke12@msn.com</u>	
Address:		
City/State/ZIP: <u>Same</u>		
Phone:	FAX:	
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 checked="" type="checkbox"/> Contractor		
Business name: <u>Solarcity</u>	E-mail: <u>MKrell@Solarcity.com</u>	
Address: <u>6132 NE 112th Ave</u>		
City/State/ZIP: <u>Portland, OR 97220</u>		
Phone: <u>971 201 5278</u>	FAX: <u>866 592 2249</u>	
CCB lic. no. <u>180498</u>		
Authorized signature: <u>Mollie Krell</u>		
Print name: <u>Mollie Krell</u>	Date: <u>4/8/2013</u>	
<input checked="" type="checkbox"/> Applicant <input type="checkbox"/> Contact Person		
Business name: <u>SolarCity Corporation</u>		
Contact name: <u>Mollie Krell</u>		
Address: <u>6132 NE 112th Ave</u>		
City/State/ZIP: <u>Portland OR 97220</u>		
Phone: <u>971 201 5278</u>	FAX: <u>866 592 2249</u>	
E-mail: <u>MKrell@Solarcity.com</u>		
Authorized signature: <u>Mollie Krell</u>		
Print name: <u>Mollie Krell</u>	Date: <u>4/8/2013</u>	

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

Office Use Only
Permit no:
Date received:
By:

Required Data: One and Two Family Dwelling	
Permit fees* are based on the value of the work performed. Indicate the value (rounded to the nearest dollar) of all equipment, materials, labor, overhead, and the profit for the work indicated on this application.	
Valuation:	<u>3528</u>
Number of bedrooms:	
Number of bathrooms:	
Total number of floors:	
New dwelling area:	square feet
Garage/carport area:	square feet
Covered porch area:	square feet
Deck area:	square feet
Other structure area:	square feet

Required Data: Commercial Use	
Permit fees* are based on the value of the work performed. Indicate the value (rounded to the nearest dollar) of all equipment, materials, labor, overhead, and the profit for the work indicated on this application.	
Valuation:	
Existing building area:	square feet
New building area:	square feet
Number of stories:	
Type of construction:	
Occupancy groups	
Existing:	
New:	

Notice
 All contractors and subcontractors are required to be licensed with the Oregon Construction Contractors Board under ORS 701 and may be required to be licensed in the jurisdiction in which work is being performed.

Statement of Fact: I certify that the facts and information set forth in this application are true and complete to the best of my knowledge. I understand that any falsification, misrepresentation or omission of fact (whether intentional or not) in this application or any other required document, as well as any misleading statement or omission, may be cause for revocation of permit and/or certificate of occupancy, regardless of how or when discovered.

I acknowledge that work related to this Building Permit Application may be subject to regulations governing the handling, removal and/or disposal of asbestos and/or lead-based paint. _____ (initials)

Building Permit Fees*	
Please refer to fee schedule	
Fees due upon application	
Amount received	
Date received	

Residential Combo permit subcontractor submittals only can be faxed to 503-823-7693 or e-mailed to BDSComInspSec@portlandoregon.gov.

210151-51



Electrical Renewable Energy Permit Application
City of Portland, Oregon - Bureau of Development Services
 1900 SW 4th Avenue, Portland, Oregon 97201 • TTY 503-823-6868 • www.portlandoregon.gov/bds

Type of work
 New construction Addition/alteration/replacement
 Demolition Other:

Category of construction
 1 & 2 family dwelling Commercial/industrial Accessory building
 Multifamily Master builder Other:

Job site information and location
 Job no.: Job address: 6831 SE 48th Ave
 City/State/ZIP: Portland OR 97206
 Suite/bldg./apt. no.: Project name: Leogh, Dani
 Cross street/directions to job site:
 Subdivision: Lot no. Tax map/parcel no.

Description of work
P.V. Roof Mount System

Provide RS permit no.

Property owner Tenant
 Name: Leogh, Dani E-mail:
 Address: 6831 SE 48th Ave
 City/State/ZIP: Portland OR 97206
 Phone: 503 777-2354 FAX:
 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:

Contractor Subcontractor
 Business name: SolarCity E-mail:
 Address: 6132 NE 112th Ave
 City/State/ZIP: Portland OR 97220
 Phone: 971 201 5278 FAX: 866 592 2249
 Elec. lic. no. C542 CCB lic. no. 180498
 Metro or City lic no. Date:
 Supervising electrician
 Signature, required: Derek Cropp
 Print name: Derek Cropp License no. 52015
 Authorized signature: Mollie Krell
 Print name: Mollie Krell Date: 4/8/2013

Applicant Contact Person
 Business name: SolarCity
 Contact name: Mollie Krell
 Address: 6132 NE 112th Ave
 City/State/ZIP: Portland OR 97220
 Phone: 971 201 5278 FAX: 866 592 2249
 E-mail: mkrell@gmail.com

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

Fee Schedule				
Description	Qty.	Fee	Total	**
Renewable energy installation per system total				
5 kva or less	1	\$137	137	2
5.01 to 15 kva		\$196		2
15.01 to 25 kva		\$255		2
Wind generation system over 25 KVA (Plan Review Required)				
25.01 to 50 kva		\$385		3
50.01 to 100 kva		\$708		3
100.01 kva and over: ORA 918-309-0040		Minimum fee at application \$385, balance due after plan review complete. Use standard electrical service or feeder fees below.		
Service or feeders in amps per OAR 918-309-0040				
200 amps or less (2)		\$137		
201 amps to 400 amps (2)		\$195		
401 amps to 600 amps (2)		\$255		
601 amps to 1,000 amps (2)		\$385		
Over 1,000 amps or volts (2)		\$708		
Each brand circuit with above service or feeder(s).		\$13		
Solar generation system over 25 KVA (Plan Review Required)				
For systems over 25 kva, enter total kva for installation in quantity field		\$10.20 per kva up to 100		3
100.01 kva and over, no additional fee [OAR 918-309-0070 (11)(c)(B)]		No additional fee		
Each additional inspection (1) OAR 918-309-0070		\$142		1
Miscellaneous				
Describe:				
Hourly rate:		\$142		
Electrical permit fees*				
			Subtotal	
			Plan review (25% of permit fee)	
			State surcharge (12% of permit fee)	
			TOTAL PERMIT FEE	

** Number of inspections allowed per permit.

7620151.51

RS Combo Permit/No Fees Due

Trade Permit Questions.....503-823-7363 Code Related Questions.....503-823-7388

Residential Combo permit subcontractor submittals only can be faxed to 503-823-7693 or e-mailed to BDSCombInspSec@portlandoregon.gov.



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Checklist and Submittal Requirements for Prescriptive Installations of Solar Photovoltaic and Solar Water Heating Systems in accordance with Oregon Solar Installation Specialty Code (OSISC)

Instructions

Complete the following with all the information requested. This form must be submitted along with the application for installation.

Property Owner Information

Property Owner Name: Keogh, Dani Installation Address: 6831 SE 48th St
 Day Phone: 503 777 2354 Evening Phone: _____ Email: _____
 Contractor: Solarcity Corporation CCB#: 180498
 Day Phone: 971 801 5278 Evening Phone: _____ Email: mkrell@solarcity.com

PV Modules or Solar Water Heating Collectors

Manufacturer: TRINA Solar Model Number: ISM240P105 Listing Agency: UL1703

Site Plan and Structural Plan

- Attach a simple site plan showing the location of the PV or solar water heating system in relation to buildings, structures, property lines, and, as applicable, flood hazard areas.
- Attach a simple structural plan showing the roof framing (rafter size, type and spacing) and PV module system racking attachment. Plans must be shown in sufficient detail to assess whether the requirements of section 304.9 of OSISC or one of the exceptions have been met.
- Attach simple building elevation.
- The plans must be on 8.5 x 11 or larger paper.

Structural Information

Roof Design and Attachment

- Roof rafter size: ___ x ___ inches OR Manufactured Trusses
- Rafter or manufactured roof truss spacing ___ inches o.c.
- For roof rafters, maximum rafter span allowed per table 305.4.1 (Appendix "B") of the Oregon Solar Installation Specialty Code (OSISC) (www.oregonbcd.org/programs/solar/solar_code/100110_OSISC.pdf) for the size and spacing of roof rafters is ___ ft ___ inches.

Checklist to determine if your installation qualifies for prescriptive path

- Yes No Is this conventional light framed wood construction?
 Yes No Does the structure have pre-engineered trusses?

OR

Does structure have roof framing members spaced at 24" o.c. maximum AND comply with the applicable allowable span in table 305.4.1 (Appendix "B") of the Oregon Solar Installation Specialty Code (OSISC)?

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Program Guide – Solar Water Heating and Photovoltaic Electric Generators
Installed on One or Two Family Dwellings
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- Yes No Is the roofing material metal, single layer wood shingle, or not more than two layers of composition shingle?
- Yes No Is the weight of the modules and racking less than 4.5 pounds per square foot?
- Yes No Is the module height less than 18 inches above the roof in accordance with section 305.4?
- For Standing Seam Metal Roofs Only (If not applicable please skip this section)**
- Yes No Is the metal gauge 26 or heavier?
- Yes No Clamp design: Are clamps designed to withstand uplift of at least 115 pounds for clamps spaced at 60 inches on center or less or at least 75 pounds for clamps spaced at 48 inches on center or less?
- Yes No Is the spacing of the clamps as measured along the seam greater than or equal to 24" o.c. and less than 60" o.c. AND the spacing perpendicular to the seam not greater than 24" o.c.?
- Yes No Is the roofing panel width 18-inches or greater?
- Yes No Is the roofing panel attached with at least #10 screws at 24" o.c.?
- Yes No Is the roofing panels installed over minimum 1/2-inch nominal wood structural panels attached to framing with 8d nails at 6" o.c. at panel edges and 12" o.c. field nailing?

If you have indicated "No" on any of these requirements above, the project may not be submitted using the prescriptive path.

Fire Fighter Access and Escape

Access and escape pathways are not required when the array is located on a non-occupied accessory structures that is separated from occupied structures by a 6 foot minimum separation distance or by a minimum two-hour fire rated assembly.

General Requirements: For all other roof mounted systems, a minimum 36" wide pathway is required along three sides of the solar roof, located over a structurally supported area. Any roof with a slope greater than 2:12 can not use the bottom roof edge as a pathway. Pathways and solar panels shall be located outside 12" of the low point of a valley.

If the array is greater than 150 feet in length or width, additional 36" wide intermediate pathways and cutouts are required. See code for details.

If the roof has smoke and/or heat vents, a 36" pathway shall be provided to and around each vent.

Exceptions to General Requirements:

- Yes No Is the roof slope greater than 2:12?
- Yes No Is the array area 1,000 sq ft or less?
- Yes No Is the array 150 feet or less in length or width?

If you have indicated "No" to any of the items above, exceptions do not apply, provide a simple plan conforming with the general requirements.

If you have indicated "Yes" to all of the items above, see below for reduced access and escape pathway requirements.

Is the array 25% or less of the roof area? Yes No

- If Yes, a 12" pathway along each side of any horizontal ridge is required.
- If No, a 12" pathway along each side of any horizontal ridge is required and a minimum of one 36" pathway is required from ridge to eave over a structurally supported area.

Provide a simple plan showing conformance to the reduced access pathway requirements.

As the property owner or authorized representative of the above listed property, I certify that I have verified the information provided above and that the roof rafters (if applicable to the project), meet the span requirements of Table 305.4.1 (Appendix B) of the Oregon Solar Installation Specialty Code.

Applicant name (please print) Mollie Krell Signature Mollie Krell Date 5/9/2013