

Planning & Development Services

625 Swift Blvd. MS-35, Richland, WA 99352

Phone: 509-942-7794

Email: PermitTech@ci.richland.wa.us

RENEWABLE ENERGY ELECTRIC GENERATING SYSTEM CONSTRUCTION AFFIDAVIT (Existing Residential Only)

I am an authorized representative of the owner, the manufacturer, and installer of the proposed rooftop solar photovoltaic (PV) panel system which will be installed on the residential structure noted in this application. I certify that all six (6) criteria listed below have been or will be met using the PV panel system specified here, and the installation will comply with all requirements of the adopted building and fire codes. I understand no physical inspection by the City of Richland's Development Services will take place and no building permit will be issued if all six (6) criteria are met.

1. The solar photovoltaic panel system shall be designed for a wind speed of 110 MPH and Wind Exposure Category "C" (Ultimate Design Wind Speed and Exposure) or 85 MPH (Nominal Design Wind Speed) and shall be installed per the manufacturer's specifications.
2. The ground snow load shall be 20 PSF minimum and drifting snow loads shall be accounted for if applicable to the particular roof pitch and PV panel configuration.
3. The total dead load of modules, supports, mountings, raceways, and all other appurtenances weigh no more than 4 PSF.
4. Photovoltaic modules are not mounted higher than 18 inches above the surface of the roofing to which they are affixed.
5. Supports for solar modules are to be installed to spread the dead load across as many roof-framing members as needed so that no point load exceeds 50 pounds.
6. Roof-mounted photovoltaic panels and modules that serve as roof covering shall conform to the requirements for roof coverings in R324.4 and Chapter 9 of the International Residential Code (IRC). Where mounted on or above the roof coverings, 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.

- YES. This proposed PV project **MEETS ALL** requirements above and therefore **DOES NOT REQUIRE** a stamped, engineered design and **DOES NOT** require a building permit.
- NO. This proposed PV project **DOES NOT MEET** one or more of the criteria above and **WILL REQUIRE** a building permit, together with engineering calculations, design, and drawings stamped by a Washington-state licensed PE. NOTE: If "No", you do not need to complete application. Contact Permitting (509) 942-7794.
- I, or another authorized representative, will request inspections by the State Labor & Industry's Electrical Division.

Authorized Agent Signature

Date

Authorized Agent Printed Name

Property Address, City, State, Zip of Installation:

Manufacturer (Brand)

Model # or Specific Type of PV Panel System

Installation Company's Name

Installation Company's Telephone #



Energy Services

625 Swift Blvd. MS-23, Richland, WA 99352

Phone: 509-942-7403

RichlandSolar@ci.richland.wa.us

RENEWABLE ENERGY ELECTRIC GENERATING SYSTEM APPLICATION & INTERCONNECTION AGREEMENT (For Installation of Customer-Owned, Grid-Connected System)

INSTALLATION ADDRESS: _____
Street City State Zip

CUSTOMER INFORMATION

First Name: _____ Last Name: _____

Phone: Home _____ Cell _____ Email: _____

Mailing Address: _____
Street City State Zip

Electric Account No.: _____ Tax Parcel #: _____

LENDER INFORMATION – Required for projects over \$5,000 in valuation per RCW 19.27.095

Project Valuation: \$ _____ Is a lender or bond company loaning monies on this project? Yes No

Lending Institution: _____ Phone: _____

Address/City/State/Zip: _____

RENEWABLE ENERGY SYSTEM INFORMATION

Identify Type of System: Solar PV Array Wind Small Hydro Other _____

Power Source: Generator Synchronous Inverter Phase: 1 Ø 3 Ø

Interconnection Facility Information:

Facility Normal Output Rating (DC): _____ KW Normal Output Rating (AC): _____ KW

Quantity of Solar PV Panels: _____ Normal Rating KW: _____ Total KW: _____

Inverter Specifications:

_____	_____	_____	_____	<input type="radio"/> Yes
Manufacturer	Model	Maximum Inverter Output	# of Inverters	UL 1741 & IEEE 1547 Compliant

GENERAL CONTRACTOR INFORMATION

Check here if contractor is also the contact

Name: _____ City Business License: Yes No

Mailing Address: _____
Street City State Zip

Cell: _____ Email: _____

WA State L&I Contractor License #: _____ Expiration Date: _____



- Incomplete applications will not be accepted.
- The electrical system referenced above shall meet City of Richland’s Power Quality & Interconnection Standards for Customer-Owned, Grid Connected Electric Generating Systems as defined in the Richland Municipal Code (RMC) Title 14.
- Customer shall be solely responsible for obtaining and complying with any and all necessary easements, licenses and permits, or exemptions, as may be required by any federal, state and local statutes, regulations, ordinance or other legal mandates.
- Customer shall not commence installation of system **OR** parallel operation of the generating system until the system has passed all required inspections.
- Project must be installed and pass L&I Inspection within 90 days of date of approval.
- By signing the application, you agree to allow Energy Services to use monthly electrical billing and renewable energy system information for evaluation purposes for the life of the project.

Signature (Property Owner)

Date

Property Owner's Printed Name

Property Owner's Email Address

For City Use Only

_____ Signature (Reviewing Engineer)	_____ Date
_____ Printed Name of Reviewing Engineer	_____ Forward to Permitting