Burien Solar Photovoltaic Building Checklist

Expedited Building Permit Checklist for Residential Rooftop Mounted Solar Photovoltaic Systems in Burien, WA.

Contractors can apply for an expedited permit where the PV system meets the requirements listed in this Checklist. All project plans and supporting documentation must be provided on site for the inspector.

SECTION TO BE COMPLETED BY THE APPLICANT

Project Information:			
Property Owner Name:			
Project Address:		Parcel #:	
	City:	State:	Zip:
Day Phone:		Evening Phone:	
Contractor Name:			
Contractor License #:			
Contractor Day Phone:			
PV System Description (Include Manufacturer and model # of PV modules and inverters):			

Determine if your project qualifies for expedited permitting:		
SCENARIO	**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.		
2. Modules on pitched roofs do not exceed the highest point of the roof unless approved by the local jurisdiction.		
3. Rooftop is made from lightweight material such as a single layer of composition shingles, metal roofing, lightweight masonry, or cedar shingles.		
4. The installation shall comply with the manufacturer's instructions.		
5. The installation shall meet all the requirements of NFPA 70, and WAC 296-46B Amendments. All required electrical permit(s) must be obtained from the City of Burien.		
6. The equipment layout meets the roof setback requirements of the 2021 IFC. See the Burien handout "Firefighter Access for Roof Mounted Solar Array Residential Systems".		
7. The PV system is designed for the wind speed of the local area and will be installed per the manufacturer's specifications.		
8. The ground snow load does not exceed 70 pounds per square foot.		
9. 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/ft²): _____		
10. To address uplift, modules are mounted no higher than 18" above the surface of the roofing to which they are affixed.		
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.		
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.		
13. Roof and wall penetrations shall be flashed and sealed to prevent entry of water, rodents, and insects.		
14. PV modules are listed and labeled with a fire classification in accordance with UL 1703.		
Comments:		

If you answered yes to all the above questions, no separate building permit is required.
If you answered no to any of the above questions, a building permit is required.

Submit this Checklist, Site Plan, and other required Permit Application Forms to the City of Burien.

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 (Print):	

SECTION TO BE COMPLETED BY CITY STAFF

Qualifies for OTC Building Permit?	Yes:	No:
Permit Application No:		
Staff Initials:	Date:	