



City of Carpinteria

Building & Safety Division
5775 Carpinteria Avenue
Carpinteria, CA 93013
805-684-5405

Photovoltaic Solar Systems

1. Per Contractor's State License Board: Class A, Class B, Class C10, Class C46 and homeowners may install the system. (Reroofs in coordination with solar installations may be done by Class B Contractors, but not Class A.)
2. **Obtain approval from Community Development Department.**
3. Fire Department will want to review commercial installations. Call the Building Department for additional commercial information and applicable fees.
4. A Photovoltaic Electrical Permit is required. The cost of the permit will be \$400.00 for residential roof-mounted, if less than 15 kilowatts.
5. An additional fee is required for electrical service upgrade and must be noted at submittal.
6. We will need the UL Listings for the Inverter and Module. (Typical; UL 1703 Module/UL 1741 Inverter), number of panels and kilowatts, along with the weight of each unit (psf).
7. Two complete sets of plans are needed.
8. **Roof Mounted Installation** has certain considerations:
 - A trussed roof system or tile roof requires engineering, to substantiate the added weight can be structurally supported by the existing framing.
 - Will the tile be removed for installation and the system then applied on composition shingle? In this case no engineering is required.
 - If mounted on composition shingle, indicate on permit if one or two layers. Three layers (as previously allowed by the Code) could be too much weight with the solar system, in which case engineering calculations would be required.
 - Flush mounted or elevated on roof? Elevated will require engineering.
9. **Ground-Mounted Installation**---Requires engineering to reflect proper footings.