



# GLENN COUNTY PLANNING & PUBLIC WORKS AGENCY



## PERMIT PROCEDURES FOR RESIDENTIAL SOLAR PHOTOVOLTAIC POWER SYSTEMS

**Ground Mounted Systems** (pole mount embedded in concrete footing)

**Plans Required – 3 sets of each:**

- \*Detailed Site Plan
- \*Footing size – (Engineered)
- \*Manufacturers installation instructions for rack, grounding method, lugs, etc.
- \*Line diagram showing solar array, inverter, disconnect, main breaker panel, utility meter, transformers, switchboards, storage battery back-up systems, conductor sizes, etc.
- \*Other documents as required.

**Clearances:** \*Site plan approval required from Planning and Environmental Health

**Roof Mounted Systems** (panels mounted on frame attached to roof framing)

**Plans Required – 3 sets of each:**

- \*Detailed Site Plan
- \*Manufacturers installation instructions for rack, grounding method, lugs, etc. and details showing the connection to the roof framing. Engineer/architect design is required if: 1) the panel and support framing exceed 3.0 pounds per square foot, 2) the panel to roof plane angle exceeds 40 degrees from the horizontal, or 3) the roof has a heavy roof cover such as tile.
- \*Line diagram showing solar array, inverter, disconnect, main breaker panel, utility meter, transformers, switchboards, storage battery back-up systems, conductor sizes, etc.
- \*Other documents as required.

**Clearances:** \*Site plan approval required from Planning Division.

**NOTES:** All installations shall comply with the latest editions of the 2010 California Electrical Code (NEC), specifically Article 690, for Photovoltaic Power Systems and the 2010 California Building Code (CBC) Chapter 16, Structural Design Requirements.

All equipment and components shall be listed and labeled by Underwriters Laboratories or other recognized agency.