



Solar Photovoltaic Rebates and Optimal Installation Specifications

January 1, 2010



Program Goals & Objectives

- Energy Efficiency
- Indoor Air Quality
- Environmental Responsibility
- Resource Efficiency

Redding Electric Utility (REU) provides rebates in support of customers that install solar photovoltaic (PV) systems that meet REU’s engineering criteria for system interconnection. REU provides an additional incentive for PV systems that are installed in specific manner to optimize the operation of the PV system for both the customer and the utility’s benefit. The specifications for PV system requirements shall be as defined by REU, other sanctioned regulatory bodies or any Federal, State, or local legislation. REU shall retain all renewable energy credits and greenhouse gas credits associated with each watt of renewable resource generation capacity installed under this agreement.

REU Solar PV Rebate Amounts

- **\$2.42/watt for PV systems that meet REU’s specifications for interconnection to the REU electrical system and are installed with an orientation ranging from 160° (South-Southeast to 270° (due West) with the panels set with an incline of a 5° to 45° tilt.**
- **\$3.07/watt for PV systems that are installed on a dual tracking system that automatically adjusts the panel(s)’ inclination (tilt) and its orientation from east to west.**
- or-
- **\$3.07/watt for PV systems that are installed with an orientation ranging from 225° (Southwest) to 270° (due West) with the panels set with an incline of a 45° to 55° tilt.**

For rebate purposes:

The orientation of all PV systems, ranging from 160° to 270°, will be determined using and is based on “true” north - which is approximately 15° east of magnetic north when in Redding.

The wattage for all PV systems will be calculated as follows:

For each respective PV system, the PVUSA Test Condition (PTC) watt rating will be multiplied by the system inverter’s peak efficiency to obtain the wattage that REU will use to calculate the customer’s rebate.

The PTC and peak inverter efficiency rating figure can be obtained from the California Energy Commission (CEC) website www.energy.ca.gov.

The rebate amounts referenced above will be effective for 180 days from the date that time stamped technical drawings are submitted to REU. If a customer has not proceeded with the project specified in these technical drawings after 180 days of this date stamp, REU will assume the customer has abandoned said project. Thereafter, REU may ask for the application to be resubmitted at its sole discretion. Any incentive or rebate paid by REU would be based on the rebate amount that is published and applicable at the time and date of the most current application’s submittal.

