



Sonoma County Energy Independence Program Eligible Improvements

The Sonoma County Energy Independence Program offers SCEIP funds for a number of equipment types, including water conservation measures, energy efficiency measures, solar systems, and other innovative, energy-saving and energy generation custom measures. In each case, if a rebate is available to the property owner to be applied to the purchase price, that amount must be deducted from the amount of financing requested.

Water Conservation Measures [Residential]

A. Residential Indoor Water Conservation Measures.

- (1) High efficiency toilets (average flush volume of 1.28 gallons or less)
- (2) Showerheads (1.75 gpm)
- (3) Bathroom aerators (1.5 gpm)
- (4) Hot water delivery options, as defined by the Energy Star "[Volumetric Hot Water Savings Guidelines](#)"
 - (a) Hot water recirculation systems use a hot water circulating pump to pump hot water from the water heater, through the hot water piping, and on back to the water heater through an additional length of pipe that runs from the furthest fixture back to the water heater.
 - (b) Demand initiated hot water systems use a recirculation pump to rapidly pull hot water from a water heater while simultaneously sending cooled-off water from the hot water lines back to the water heater to be reheated.



(c) Whole house manifold systems consist of a manifold (trunk line) connected to the water heater from which individual pipes (twigs) are connected to each water fixture.

(d) Core plumbing systems are hot water distribution systems where water volumes in the pipes are reduced by a combination of smaller pipe diameters and shorter pipe runs due to a centrally located water heater.

(5) Demand initiated water softeners, Energy Star rated

(6) Demand initiated or instantaneous hot water heaters

(7) Hot water pipe insulation (minimum of R4)

B. Residential Outdoor Water Conservation Measures.

(1) Irrigation control systems, with “Evapotranspiration” based controllers or Smart Irrigation Controllers- irrigation controllers that automatically adjust based on the weather conditions, plant material, slope, etc.

(2) Permanently installed rainwater cisterns

(3) Matched precipitation rate sprinkler heads are multi-stream spray head that provides high uniformity and a low application rate sprinkler with matched precipitation, even after arc and radius adjustment.

C. Residential Recycled Water Use (Custom Track Measures).

(1) Outdoor irrigation