

## Commercial / Industrial / Institutional (CII) Large Landscape Submetering and ET Controller Installation Grant

### Next Steps and Responsibilities

**Background:** Dedicated landscape submeters measure the water used for irrigation only, so it can be separated from the water being used in a building. Future sewer charges are then based on the building usage, excluding landscape irrigation that does not go to the sewer. Weather-based irrigation controllers can save water by using prevailing weather conditions to adapt watering schedules to meet the actual needs of plants and turf. Studies throughout California have shown that water consumption can be reduced from 20% to 40% with “smart” controllers.

**Step 1:** A brief eligibility survey is completed that serves as a pre-screening tool to determine if the site is eligible for a submeter and weather-based irrigation controller. Completed surveys can be faxed to 530-642-4512 or scanned and emailed to [officeofwaterefficiency@eid.org](mailto:officeofwaterefficiency@eid.org). For assistance, contact Sharon Fraser, EID’s water conservation coordinator, at (530) 642-4112 or [sfraser@eid.org](mailto:sfraser@eid.org).

**Step 2:** If determined eligible, the customer completes and signs the application/agreement and mails the original to: EID Office of Water Efficiency, 2890 Mosquito Road, Placerville, CA 95667. EID staff will contact the customer to schedule a brief site inspection to confirm the site conditions are suitable for a submeter installation. If approved, the customer will be given a copy of EID’s construction standard for submeter installations.

**Step 3:** The customer will also receive a complimentary landscape water survey and EID water efficiency staff may recommend other system improvements to increase water efficiency.

**Step 4:** The customer picks up from the EID warehouse, a landscape submeter assembly approved and provided by EID (at no charge), which includes radio-read technology, a backflow prevention device if required by EID, and a utility box with lid.

**Step 5:** The customer or their plumbing contractor installs the landscape submeter, in addition to a backflow prevention device if required by EID, accordance to EID standards. Once installed, and before the area is back-filled, the customer contacts EID to request an inspection and approval. EID’s normal inspection fees are waived by the grant.

**Step 6:** The customer is then issued a \$1,000 voucher to purchase a weather-based irrigation controller, along with a \$300 voucher for professional installation of the controller, and both are funded by the grant.

**Step 7:** EID is required to monitor the landscape water usage for a period of five years, and report the annual water savings to the California Department of Water Resources.

**Step 8:** The customer is required to maintain the irrigation system so it remains free of leaks while using the weather-based controller to run the irrigation system.

**Step 9:** The customer can realize immediate savings on their sewer charges, in addition to water savings for landscape irrigation, especially in the transitional spring and fall seasons.

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**Cost-Sharing Matrix**

<b>DESCRIPTION OF TASK</b>	<b>EID RESPONSIBILITY OR COST</b>	<b>CUSTOMER RESPONSIBILITY OR COST</b>
Complete the eligibility survey and customer application/agreement.		<b>X</b>
Conduct site inspection to determine suitability for submeter.	<b>X</b>	
Conduct the landscape irrigation water survey and offer recommendations for water efficiency improvements.	<b>X</b>	
Provide the landscape submeter assembly and backflow prevention device (if required by EID).	<b>X</b>	
Install the submeter assembly, and backflow prevention device (if required by EID).		<b>X</b>
Inspect and approve the submeter and backflow prevention device installations.	<b>X</b>	
Provide vouchers for the customer to obtain and have installed a weather-based irrigation controller.	<b>X</b>	
Pay sales tax on new controller and any amount exceeding the value of the vouchers.		<b>X</b>
Implement water efficiency improvements, if needed.		<b>X</b>
Monitor and report water savings for five consecutive years to the Department of Water Resources.	<b>X</b>	
Maintain and repair irrigation system so it operates in an efficient manner without leaks.		<b>X</b>
Maintain irrigation controller after installation and warranty period.		<b>X</b>