



Commercial & Multifamily Customers Irrigation System Upgrade Rebate Program



Rebate Amount

The Irrigation System Upgrade Rebate is one of the water conservation efforts Tucson Water offers its commercial, industrial and multi-family customers. Tucson Water will rebate 50% of qualifying system upgrade costs with a reimbursement limit of **\$10,000 over a 2 year period**. The rebate amount will be sent by check approximately 4-6 weeks after invoices are submitted.

How Do I Qualify?

All applicants must complete irrigation system pre- and post-landscape water audits which are fully reimbursed. The audits will evaluate the system's distribution uniformity (DU). Qualifying applicants must achieve a pre-audit DU of $\leq 45\%$. Post-audits must achieve DUs of $\geq 60\%$ for fixed spray heads and $\geq 65\%$ for rotors attain the rebate. In addition, participants must agree to follow-up assessments.

Qualifying Fixtures

Only controllers or soil sensors that have been approved by the Irrigation Association's Smart Water Application Technologies (SWAT) will be considered. Soil moisture sensors and controllers must be weather-based and have percent reduction capabilities based on percent ET. In addition, the program will reimburse the equipment/materials cost of converting irrigation systems from turf to low water landscapes, spray-to-drip modifications, and/or upgrading drip systems.

- Pre- & post-audits –100% paid
- Private irrigation sub-meter
- SWAT approved controllers, and/or soil moisture sensors
- Irrigation multi-stream rotor heads
- Rain sensors/shutoff controls
- Swing joints
- Check valves
- PVC pipe for drip systems
- Other pre-approved related items

For additional information about smart irrigation controllers and efficient landscape irrigation, see the Irrigation Association's web site: <http://www.irrigation.org/smartwater/ia-tested.asp>

Qualified Soil Moisture Sensors

- Acclima ACC-SEN-TDT
- Acclima Digital TDT Sensor
- Decagon ECH20 EC-5
- Irrrometer Watermark

SWAT - Tested Weather-Based Irrigation Controllers

- | | |
|---|------------------------------|
| Alex-Tronix Enercon Plus | Hunter Solar Sync |
| SMG | Superior Controls Sterling 8 |
| Alex-Tronix Smart Clock | Hydrosaver ETIC |
| Aqua Conserve Aqua ET-9 | Toro Intelli-Sense |
| Irritrol Smart Dial | Calsense ET2000e |
| Cyber-Rain XCI | Rainbird ESP-SMT |
| WaterOptimizer | ETwater Smart Controller |
| Rainbird ET Manager | Weathermatic SL1600 |
| Hunter ET System | Rain Master RME Eagle |
| Weather TRAK | |
| TukorRKS w/ Tipping Rain Bucket | |
| Rainbird ESP-LX w/ ET Manager Cartridge | |

What Information Is Required?

- Pre-audit results*
- Application Form (work with Auditor to complete)
- Equipment/Materials Receipts
- Copy of controller settings/program*
- Post-audit results*
- Landscape water budget calculations*
- Approved City of Tucson Planning and Development Services re: landscape plan (see below if applicable)

* Supplied by Auditor to Tucson Water.

Landscape Modification Requirements

All applicants must submit proof of compliance with City of Tucson zoning requirements if a landscape modification is being undertaken as part of this application.

Audit Requirements

All applicants must complete irrigation system pre- and post-landscape water audits which are fully reimbursed. The audits will evaluate the system's distribution uniformity (DU). Qualifying applicants must achieve a pre-audit DU of $\leq 45\%$. Post-audits must achieve DUs of $\geq 60\%$ for fixed spray heads and $\geq 65\%$ for rotors to attain the rebate. In addition, participants must agree to follow-up assessments. The audits must be performed by a qualified, independent irrigation auditor that is not affiliated with the site. Tucson Water will contact and pay the Auditor directly.

Metering Requirements / Landscape Water Budget

Eligible applicants must provide a record of landscape water use by submitting annual reports to verify compliance with water budget requirements. This can be accomplished with a dedicated irrigation service meter or the installation of a private sub-meter. In addition, all approved applications are required to submit a Landscape Water Budget that projects yearly landscape water demand. The Irrigation Auditor will supply you with a Landscape Water Budget.



Rebate Process –All Rebate Requests Must Include Equipment / Materials Original Receipts



All Rebate Requests must Include Equipment / Materials Original Receipts

- 1. Schedule an appointment with Tucson Water staff to confirm eligibility.
- 2. Schedule a pre-audit with an approved Tucson Water auditor.
Qualifying applicants must obtain a DU score of $\leq 45\%$.
- 3. Submit completed pre-audit application (with Auditor assistance).
- 4. Install flow or sub-meter
 - a. Irrigation service meter/ meter number: _____
 - b. Private flow /sub-meter
- 5. Conversion/Up-grade
 - a. Irrigation system up-grade
 - b. Conversion from spray to drip
 - c. Conversion from turf to low-water use landscaping
- 6. Purchase and install water conservation devices
 - a. Flow or sub-meter
 - b. SWAT approved controllers, and /or soil moisture sensors – see below
 - c. Irrigation multi-stream rotor heads
 - d. Rain sensors/ shutoff controls
 - e. Swing joints
 - f. Check valves
 - g. PVC pipe for drip systems
 - h. Other pre-approved related items
- 7. Schedule post-audit to confirm a minimum required DU
(i.e, $\geq 60\%$ for fixed spray heads and $\geq 65\%$ for rotors).
- 8. Schedule a verification meeting with Tucson Water staff.
- 9. Submit the completed application (with Auditor assistance), original receipt/invoice,
and re-landscape plan (if applicable).
- 10. Allow 6-8 weeks for application review and arrival of your rebate check.



PART 1 – PRE-AUDIT
Commercial & Multifamily Customers
Irrigation System Upgrade Rebate Program



APPLICANT CONTACT INFORMATION

Name: _____ Phone Number: _____
 Mailing Address: _____
 City and State: _____ Zip Code: _____
 Email Address: _____

PROPERTY INFORMATION

Owner's Name: _____ Management Company: _____
 Property Address: _____
 City and State: _____ Zip Code: _____
 Tucson Water Account Number: _____ Total Lot Area: _____
 Total Irrigated Area: _____ Total Irrigated Turf Area: _____
 Total Irrigated Non-Turf Area: _____

REASONS FOR SYSTEM UP-GRADES

METER READINGS

Before Flow / Sub-Meter Installation: _____ Before Pre-Audit: _____

PRIVATE SUB-METER INFORMATION - Attach sub-meter receipt(s)

Number of Meters: _____ Meter Size: _____ Date Installed: _____
 Installed By: _____

PRE-AUDIT INFORMATION

Auditor's Name: _____ Phone Number: _____
 Address: _____
 City and State: _____ Zip Code: _____
 Date of Pre-Audit: _____

PRE-AUDIT RESULTS SUMMARY

Overall % Distribution Uniformity (DU): _____

Expected Scope of Work and Timeline (i.e., sprinkler head replacement and system repairs):

How did you hear about the program?

- Water Bill/Newsletter Email City Employee Media Other _____

I have read, understand, and agree to the requirements of the Rebate Program. I certify under penalty of perjury that the information on this application is true and correct. By signing this form, I agree to the following terms and conditions: Tucson Water and the City of Tucson do not warrant or assume any liability for the design, manufacturer, installation or operation of a smart controller, sub-meter, or irrigation parts obtained during this program. The City of Tucson does not warrant, enforce or assume liability for the quality, performance or safety of the installer, contractor or dealer, its employees, or agents related to a purchase or installation under this program.

Customer Signature: _____ Date: _____

Print Name: _____

Mail/Fax completed applications to: Tucson Water, Multi-Family Irrigation System Upgrade Rebate,
 Public Information Office, P.O.Box 27210, Tucson, AZ 85726-7210 FAX: (520) 791-5041 Phone: (520) 791-4331.



PART 2 – POST-AUDIT
Commercial & Multifamily Customers
Irrigation System Upgrade Rebate Program



APPLICANT CONTACT INFORMATION

Name: _____ Phone Number: _____
 Mailing Address: _____
 City and State: _____ Zip Code: _____
 Email Address: _____

PROPERTY INFORMATION

Owner's Name: _____ Management Company: _____
 Property Address: _____
 City and State: _____ Zip Code: _____
 Tucson Water Account Number: _____ Meter Number: _____

IRRIGATION SYSTEM IMPROVEMENTS

_____ Irrigation System Up-Grade _____ Conversion from Spray to Drip
 _____ Other: _____

POST-AUDIT INFORMATION

Overall % Distribution Uniformity (DU): _____ Date of Post-Audit: _____
 Auditor's Name: _____ Phone Number: _____
 Address: _____
 City and State: _____ Zip Code: _____
 Date of Pre-Audit: _____
 Pre-Audit Results Summary:

EQUIPMENT MATERIALS

- | | |
|--|---|
| <input type="checkbox"/> SWAT Irrigation Controllers | <input type="checkbox"/> Swing Joints |
| <input type="checkbox"/> SWAT Soil Moisture Sensors | <input type="checkbox"/> Check Valves |
| <input type="checkbox"/> Flow Meter/Sub-Meter | <input type="checkbox"/> PVC Pipe - DRIP UP-GRADES ONLY |
| <input type="checkbox"/> Rain Sensors | <input type="checkbox"/> Multi-Stream Rotor Heads |
| <input type="checkbox"/> Shut Off Controls | <input type="checkbox"/> Other |

ATTACH REQUIRED ADDITIONAL INFORMATION/DOCUMENTATION

- Equipment/Materials Receipts Approved COT Development Services Re-landscape Plan

I have read, understand, and agree to the requirements of the Rebate Program. I certify under penalty of perjury that the information on this application is true and correct. By signing this form, I agree to the following terms and conditions: Tucson Water and the City of Tucson do not warrant or assume any liability for the design, manufacturer, installation or operation of a smart controller, sub-meter, or irrigation parts obtained during this program. The City of Tucson does not warrant, enforce or assume liability for the quality, performance or safety of the installer, contractor or dealer, its employees, or agents related to a purchase or installation under this program.

Customer Signature: _____ Date: _____
 Print Name: _____

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 Public Information Office, P.O.Box 27210, Tucson, AZ 85726-7210 FAX: (520) 791-5041 Phone: (520) 791-4331.